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LOGMIS PROGRAMMED TEXTS, TESTS AND ANSWERS.(U)
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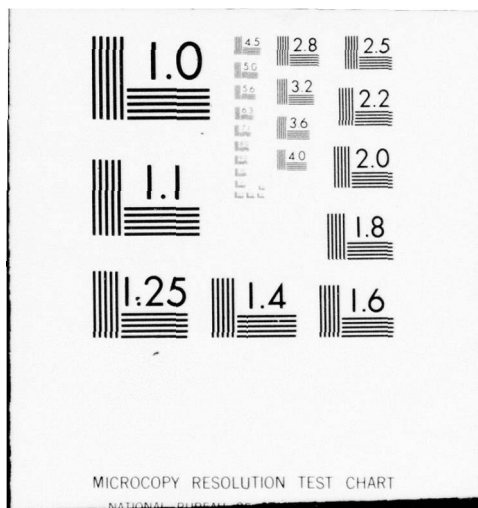
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Publication 1340-02-2-1909

LEVEL II

LOGMIS PROGRAMMED TEXTS, TESTS, AND ANSWERS



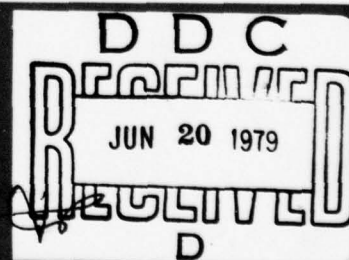
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APRIL 1979

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Prepared for
LOGISTICS EVALUATION BRANCH PLANS
AND PROGRAMS DIVISION OF THE ASSISTANT CHIEF OF STAFF
FOR LOGISTICS, U.S. ARMY COMMUNICATIONS COMMAND,
HUACHUCA, ARIZONA 85613
under contract DAEA18-77-C-0184

ARINC RESEARCH CORPORATION



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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER 1340-02-2-1909	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Logmis Programmed Texts, Tests and Answers		5. TYPE OF REPORT & PERIOD COVERED
6. PERFORMING ORG. REPORT NUMBER 14 1340-02-2-1909		7. CONTRACT OR GRANT NUMBER(s) 15 DAEA18-77-C-0184
8. AUTHOR(s) no author given		9. PERFORMING ORGANIZATION NAME AND ADDRESS ARINC Research Corporation 2551 Riva Road Annapolis, Maryland 21401
10. CONTROLLING OFFICE NAME AND ADDRESS U.S. Army Communications Command Huachuca, Arizona 85613		11. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS 12 277e
12. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) same as above 11 Apr 79		13. REPORT DATE
14. DISTRIBUTION STATEMENT (of this Report) UNCLASSIFIED-UNLIMITED		15. NUMBER OF PAGES
15. SECURITY CLASS. (of this report) UNCLASSIFIED		16. DISTRIBUTION STATEMENT A Approved for public release; Distribution Unlimited
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		18. DECLASSIFICATION/DOWNGRADING SCHEDULE
19. DISTRIBUTION STATEMENT (of this Report) UNCLASSIFIED-UNLIMITED		
20. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
21. SUPPLEMENTARY NOTES		
22. KEY WORDS (Continue on reverse side if necessary and identify by block number)		
23. ABSTRACT (Continue on reverse side if necessary and identify by block number) ABOVE ABSTRACT IS ON REVERSE SIDE 400 247 JOB		

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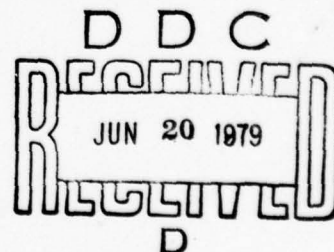
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LOGMIS
PROGRAMMED TEXT
SECTION I
LOGMIS OVERVIEW

Prepared for
USACC
under Contract DAEA18-77-C-0184

ARINC Research Corporation
a Subsidiary of Aeronautical Radio, Inc.
2551 Riva Road
Annapolis, Maryland 21401



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INTRODUCTION

This programmed text is one of a series of three that will help you learn about LOGMIS and how to use the system to make your job easier. The texts were prepared by ARINC Research Corporation under Contract DAEA 18-77-C-0184 for the Logistics Evaluation Branch, Plans and Programs Division of the Assistant Chief of Staff for Logistics, U.S. Army Communications Command. This introduction will tell you about this programmed text and the others in the series.

This programmed text is written in a way that will allow you to build on what you know. To get you started, the text will always tell you what you will know, or be able to do, once you have completed the text. These objectives are given before the body of the text. It's a good idea to read and understand them before you begin working on the text itself.

The main part of each text is made up of pieces of information, called "frames". Each frame represents an important idea that will help you to attain an objective. The frames will usually tell you to read a small part of the LOGMIS User's Manual and then highlight the important ideas in what you have read. After that, it asks you a question about the information in the frame. You should answer the question from memory and check you answer against the one given. If your answer was incorrect, do the whole frame over again until you understand the material. Each part of the frame is separated by a dashed line (- - - -). Each frame is separated from the next by a line of slashes (/ / / /).

To finish this programmed text, you will need the text, of course, the LOGMIS User's Manual (Volume I), and something to write with. Once you get all that together, turn to the objectives for this text, and read them. Then you will be ready to begin the text itself.

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LOGMIS OBJECTIVES

SECTION I: LOGMIS OVERVIEW TEXT

When you finish the LOGMIS Overview Text, using the LOGMIS User's Manual, Volume I, you will be able to:

- State the purpose and goals of the LOGMIS
- Locate the actions that must be done to enter data into LOGMIS
- Categorize LOGMIS Periodic and Inquiry Reports
- Select the actions to take when you have not received acknowledgment of submitted transactions within the specified time
- Identify the elements and timing required to initially enter UIC/ Site Organizational Data
- Select requirements for mass transfer

I-1. Let's begin our overview of LOGMIS by examining the reasons the system was created. Turn to page 2-2 in the manual and read the paragraph.

You now know that LOGMIS provides a data base, which your information helped to create. This data base is used for decision-making at all levels of command in USACC. Remember that you, as well as other managers in USACC, can benefit from the LOGMIS data base.

For whom does the LOGMIS data base provide decision-making data?

- a. Headquarters, USACC
 - b. All levels of command
 - c. Unit-level managers
-

- b. The data base provides information to all levels of command in USACC. And don't forget, the unit making inputs can benefit, too.
- //////////

I-2. In order to make LOGMIS work efficiently, three goals have been established. Read paragraph 2-3 on page 2-3 to find out what they are.

The LOGMIS was designed to be a simple and automatic system. Logistics data from the field is transmitted to the central data base using AUTODIN to avoid delay in transmission. The reports produced using the information in the data base provide asset information throughout USACC

True or False:

LOGMIS information is utilized throughout USACC. _____

True. LOGMIS reporting is automated and uses AUTODIN to avoid delay in transmission. Information from LOGMIS is used by decision-makers at all levels at USACC.

////////////////////////////////////

I.3 Since this is an overview, now would be a good time to list the principal elements of LOGMIS. These are found in paragraph 2-4 of your manual.

The elements of LOGMIS are:

- Input data from the field and a means to send it to HQ USACC
- An ADP system at HQ USACC
- Output reports and a means to send them to the field
- Automatically updated management information

These elements are discussed in detail in the manual.

True or False:

One of the elements of LOGMIS is an ADP System. _____

True. The ADP System at HQ USACC receives, stores, and processes input from field units. This becomes the data base, which is used for management decisions.

//////////

I-4. Now that you know what LOGMIS is, how can you enter data to start using it? Read the first paragraph of Section 2-4.1, on page 2-4 of your manual, to find out.

The input to LOGMIS from the field is a series of data elements arranged to form an "input transaction". Input transactions form the data base at HQ USACC.

Which of the following data elements may be found in input transactions?

- a. UIC
- b. NSN
- c. Serial Number
- d. All of these

d. Input transactions contain information about location, type, or description of specific equipment, and so may contain all of these data elements.

////////////////////////////////////

I-5. What, specifically, must be done to submit input transactions?
Read the fourth paragraph on page 2-4 to find out.

Before you can enter data, you MUST have been identified as a UIC
and have submitted a narrative message that identifies your sites
to the ACSLOG LOGMIS Coordinator.

True or False:

You must establish your UIC in the LOGMIS data base before submit-
ting input transactions. _____

False. A UIC is established in the data base automatically on unit
establishment by means of an approved MTOE or TDA. However, you
must identify your sites with a narrative message before you begin
submitting input transactions.

////////////////////////////////////

I-6. Besides identifying the UIC's sites initially, a narrative message is required to change sites after they have been established. Read the first two paragraphs under 6-3, found on page 6-2, to find out more.

The LOGMIS Coordinator requires some pretty specific UIC and site data in order to identify just where assets are located. Remember, when sites are geographically dispersed from the parent unit and are submitting directly to the system, you must tell USACC from where and how the site is serviced.

True or False:

Site mail address and Zip Code are required for all site initial identifications, deletions, or changes. _____

False. This information, along with other information designed to route LOGMIS transactions and messages directly to the site, is submitted only when a site is at a location that is geographically different from the parent unit and the site is reporting directly to LOGMIS. Remember, this additional information must be submitted for each site of this type.

////////////////////////////////////

I-7 What about the assets located at the sites? Read the last two paragraphs on page 6-2 to get the basic reporting requirements.

Sites included in the narrative message should fulfill two basic requirements. First, they must have on-hand assets. Second, their site code should match TOE/TDA paragraph numbers.

Also, remember that a deactivated site has 60 days to remove assets from the LOGMIS data base. If the assets are being transferred to another unit, the required transactions are specified in your manual.

Remember, the new unit must be identified in the data base before the transfer can take place.

True or False:

On-hand asset can be entered against a 00 site code. _____.

False. 00 is NOT a legitimate site code for entry of on-hand asset data.

Remember that site codes should match TOE/TDA paragraph numbers.

//////////

I-8. Now that you've done all this, what do you do with it? That depends on where you are stationed. If you are located at Ft. Huachuca, read the next-to-last paragraph on Page 2-4. Everyone else proceed directly to frame I-9.

Units at Ft. Huachuca don't need AUTODIN to transmit transactions across the Fort. This simplifies the process considerably, since these units can carry transactions directly to the USACC LOGMIS Coordinator.

True or False:

All LOGMIS transactions are transmitted by AUTODIN. _____

False. Units at Ft. Huachuca deliver their transactions directly to the LOGMIS Coordinator in Greely Hall. Since that leaves you with less to do, you can turn to frame I-13.

////////////////////////////////////

I-9. Once all the UIC and/or site information has been located and put into a Narrative Message, you can shoot it off to USACC, right?

Read the last paragraph on Page 2-4 to find the answer.

Before you can submit anything, you MUST fill out a Subject Card and a DD Form 1392 (top half only). Don't forget to include the Subject Card in the card count total on the DD 1392.

True or False:

The Subject Card must contain the following information:

"Subject: This is a LOGMIS message, ATTN: CC-LOG". _____

True. This information must be keypunched on an 80-column card and included in the card count total. Letters or numbers punched on the Subject Card may be checked using Table 3-2.

////////////////////////////////////

I-10 Another area to watch is the Routing Indicator code. If you are sending UIC/site information to HQ USACC in a Narrative Message, the proper Routing Code is RUWJHRA. But, when you get to input transactions, you must use the Routing Code RUWJHRC.

True or False:

A Routing Code is not necessary for Narrative Messages. _____

False. Narrative Messages must bear the Routing Code RUWJHRA. Don't forget that your intermediate and subcommand need to know what's up too. Send an information copy of your message to each of them.

////////////////////////////////////

I-11 One final word - pay attention to the Content Indicator on the DD 1392. The Content Indicator for Narrative Messages, and only Narrative Messages, is ZYUW. For other kinds of transactions, the proper Content Indicator is DHBF.

Circle the correct answer:

Which Content Indicator is used for a Narrative Message?

- a. DHBF
 - b. ZYUW
 - c. SUYW
-

b. ZYUW. The Content Indicator for all other transaction types is DHBF. Don't mix the two up.

////////////////////////////////////

I-12 The remaining information applies to all AUTODIN transmissions. So far, you must have completed and had keypunched a Subject Card and your transaction information cards. Also, you must have completed a DD Form 1392. Read 3, 4, and 5 on page 2-6 to see what happens next.

There are many points to be considered. The Comm. Center will complete header and trailer cards for your input and transmit the data on these cards along with your transaction information. Remember, this is for card stations only. If there is no header and trailer cards - it's instant rejection of your transactions.

True or False:

If your servicing Comm. Center is not a card station, the cards can be forwarded to another Comm. Center that is a card station. _____

True. Another way to handle this situation is to mail the cards to HQ USACC, ATTN: CC-LOG. Getting a reply should be no problem, since all the necessary information should already be at USACC. Just what this reply consists of will be examined next.

//////////

I-13 How will you know what has happened to the input transactions you have submitted to USACC? Read 6 on Page 2-6 to find out.

The verification you receive will take the form of a "Daily Run". The Daily Run will list all transactions received, the transactions accepted, and the transactions rejected.

True or False:

The Daily Run is a listing of LOGMIS transactions sent to HQ USACC.

False. The Daily Run indicates what was received by LOGMIS at Ft. Huachuca and its disposition. The Daily Run is transmitted back to you by AUTODIN as required.

////////////////////////////////////

I-14 What happens if you don't get a Daily Run after you have transmitted your transactions? Read the NOTE on Pages 2-6 and 2-7 to find out.

If you have not received the Daily Run within 10 days, you should first find out if your transactions were received at Ft. Huachuca. If they were, it's time to get in touch with your Subcommand Coordinator. You can get the necessary information from your servicing Comm. Center.

Circle the correct answer:

You should receive a Daily Run from HQ USACC within ____ days.

- a. 5
- b. 10
- c. 15

b. The right answer is 10 days. If you don't get a Daily Run by then, check with Ft. Huachuca and your Subcommand Coordinator, in that order, to find out what happened.

////////////////////////////////////

I-15 What will appear on the Daily Run? Read paragraph 3-1.3 on Pages 3-3 and 3-4 to find out what's in this helpful message.

The Daily Run contains three categories of information: successfully accepted transactions, transactions rejected for edit errors, and transactions rejected for update errors.

What information is contained in the Daily Run?

- a. Accepted transactions
 - b. Edit error rejections
 - c. Update error rejections
 - d. All of the above
-

d. The Daily Run lists all transactions received at Ft. Huachuca, whether they were accepted or rejected. You should receive this information within 10 days. Remember, transactions rejected for edit errors may have more than 7 errors, so check them closely before resubmitting. Also, the first update error in the message is the one that causes the reject. There may be more, so check the transaction closely before you resubmit.

////////////////////////////////////

I-16 How can you avoid rejected transactions and so keep your UIC/site "looking good"? By eliminating errors, of course! Update errors will be discussed in Section III. For edit information, read the second paragraph of 3-2.3 on page 3-8.

Let's first examine justification. A good way to visualize this concept is to substitute "position" for "justify": "left-justified" information then becomes "left-positioned"; and "right-justified" means "right-positioned". Blank spaces may appear at the opposite end of the space.

Try your hand at these fill-ins:

- a. In the space below, fill in, and left-justify 345.

--	--	--	--

- b. In the space below, fill in, and right-justify 678.

--	--	--	--

Here's what you should have:

a.

3	4	5	
---	---	---	--

b.

	6	7	8
--	---	---	---

Notice that left-justified material begins at the left, with any blanks on the right. Right-justified ENDS at the right, with any blanks at the left.

////////////////////////////////////

- 5/S - Make the top of a five square (5) and put flags on the ends of "S" (S).
- U/V - Make the bottom of the "U" curved and put a tail on it (U), make the "V" with a distinct point at the bottom (V).
- Ø/O - Put a slash in the numeric zero (Ø) and leave the alphabetic "oh" open (O).
- 1/I - Make a one without a flag (1) and an "eye" with flags at top and bottom (I).
- E/F - Make sure the bottom of the "E" does not disappear in the line on the form, making it look like a "F".
- T/I - Make sure the bottom of the "I" does not disappear in the line on the form, making it look like a "T".
- 2/Z - Put a bar through the "Zee" (Z).
- 6/G - Make sure the loop in the "6" is closed (6), and that the flag on the vertical line in the "G" is distinct (G).

a. Left-justify: 5UØ1ET26

a.

--	--	--	--	--	--	--	--

b.								
----	--	--	--	--	--	--	--	--

a.

5	U	Ø	1	E	T	2	6
---	---	---	---	---	---	---	---

b.

	S	V	O	I	F	I	Z	G
--	---	---	---	---	---	---	---	---

///

I-18 You may be asking yourself, "Why all the emphasis on writing? After all, this information is keypunched." Read paragraph 3-2 on Page 3-4 and check the figure on Page 3-5 to find out.

For every input you can make to LOGMIS, there is a separate worksheet. Each worksheet is used for one transaction. Notice that some boxes are crossed out. These boxes cannot contain information. They are crossed out to remind you of this.

True or False:

There is a special worksheet for each LOGMIS transaction. _____

True. Each transaction requires different information, arranged in a special way. This is the reason for the worksheets.

////////////////////////////////////

I-19 The worksheets, such as the one found on Page 3-5, contain groups of numbered boxes. These groups are called "data fields". Remember that a transaction consists of a number of data fields. The boxes contained in the data fields are numbered, and each box represents a column on an 80-column keypunch card. Each data field is identified and any right- or left-justification requirement is shown by an arrow and the words "start here".

Circle the correct answer:

Which of the following applies to data fields?

- a. They are part of a LOGMIS transaction.
- b. They represent information to be keypunched.
- c. They are labeled to indicate contents.
- d. All of the above.

d. All of these statements are true of the data fields found on your LOGMIS worksheets. If you fill out the fields correctly, your transaction should be accepted and processed.

////////////////////////////////////

I-20 There is a recommended procedure for worksheets, and it goes like this: Use an 80-column worksheet (called an ADP Transcript Sheet, Optional Form 65). But be safe - use the transaction worksheet from the manual to write up your first transaction of each type. Then copy the information, column by column, to the 80-column worksheet. This method lets the individual worksheet keep you straight, by "remote control", on your 80-column worksheet. Follow the format and you can't go wrong.

True or False:

You should use an 80-column worksheet to submit LOGMIS transactions.

True. To keep straight, you can use the individual transaction worksheet from the manual for each type of transaction. Then transfer the information to your 80-column worksheet.

////////////////////////////////////

I-21 We've covered a lot of ground in a short time, so let's take a minute to review the LOGMIS input process. To input information into LOGMIS, you must first identify yourself. This is done with a Narrative Message to HQ USACC. After you receive confirmation from HQ USACC, you can begin to use LOGMIS. Input of any information requires:

- Transaction worksheets from the manual
- An 80-column worksheet
- A keypunch facility
- A DD Form 1392
- An 80-column subject card
- A Comm. Center with card capability

To use the system, fill out the worksheets and have the information keypunched. Don't forget the Subject Card! Now, fill out the top half of the DD 1392. Count all your cards, and use the right Content Indicator. Take all this down to the Comm. Center (be sure to include header and trailer cards) and get it sent off! Finally wait no more than 10 days before taking action if you don't get a Daily Run that tells you that your input got to LOGMIS.

////////////////////////////////////

I-22 We have now covered the methods for "getting started" in LOGMIS. You have read all the information you will need to establish your site or UIC in the LOGMIS Data Bank. It's time to turn your attention to the products you can expect as a result of your inputs - the output reports. Read paragraph 2-4.3 on Page 2-9 to find out what these reports are.

There are two types of reports that you can get from LOGMIS. Periodic Reports are transmitted automatically, each month, each quarter, or twice a year. These Periodic Reports will give you information concerning equipment assets, modification work orders, and antenna maintenance. The basic information found in these reports comes from your input transactions, so it is important to you to be prompt and accurate with your input transactions.

Circle the correct answer:

LOGMIS periodic reports will appear _____.

- a. Monthly
- b. Quarterly
- c. Twice each year
- d. All of the above

d. Periodic reports will appear on a monthly, quarterly, or semi-annual basis, depending on the type of report. This will be examined next.

////////////////////////////////////

I-23 Quarterly periodic reports consist of the Unit Equipment Modification Report, which details which of your modifications have been applied, by modification number; and the TMDE Statistical Summary, which lists "vital statistics" for your TMDE, pointing out what TMDE you have, and the level of calibration.

True or False:

The Unit Equipment Modification Report includes all modifications to your equipment, arranged by modification number. _____

True. This quarterly report, along with the TMDE Statistical Summary is of great value to your unit. It provides you with asset status data in a very concise, timely manner.

////////////////////////////////////

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True. This quarterly report, along with the TMDE Statistical Summary, is of great value to your unit. It provides you with asset status data in a very concise, timely manner.

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I-25 One Periodic Report will prove especially valuable to you. This is the USACC LOGMIS Monthly Asset Report. This report lists all the assets that have been reported to LOGMIS for your UIC, as well as current authorization information. It is arranged in nomenclature sequence.

True or False:

The USACC LOGMIS Monthly Asset Report lists all equipment on hand at a UIC. _____

False. It lists all assets reported to LOGMIS for a UIC. Other assets may not have been reported yet or may have been rejected because of update or edit errors. Comparison of the property book with this report will keep the record straight.

////////////////////////////////////

I-26 The second category of output reports comes about as a result of specific inquiries by a UIC. These reports are:

- Inventory Status Inquiry Report
- NSN Inquiry Report
- LIN Inquiry Report
- Reportable Item Code Inquiry Report
- Equipment Modification Completion Status Inquiry Report
- Antenna Structure Inventory ("S") Report
- Antenna Inventory ("A") Report
- User Field 1 and 2 Inquiry Reports

These reports will be directed only to the requesting UIC.

True or False:

The NSN Inquiry Report is transmitted quarterly. _____

False. This is one of the reports that is transmitted only in response to a specific request or inquiry from a UIC. These reports are transmitted only to the requester and are a valuable aid in maintaining the accuracy of your records. You can submit inquiries any time, as long as your UIC/site data is maintained in the LOGMIS data base.

////////////////////////////////////

I-27 You now have the information required to become established in the LOGMIS data base, and you know what you can expect from the data base on a periodic and inquiry basis. But, how do you transfer assets if your unit is deactivated or moves?

Read the part of paragraph 6-4 on Page 6-3 to find the answer.

The Mass Transfer Narrative Message will work only if certain conditions have been met. The gaining and losing units must both be part of USACC. The transfer of assets must occur within 60 days after the site deactivation date. The message MUST be in the proper format and must include all identified assets. This method keeps the paperwork for a transfer to a minimum and makes your job a lot easier!

True or False:

Equipment may be mass transferred to a new UIC before it has been established in the LOGMIS data base. _____

False. Both UIC/sites must be established in the data base before mass transfer can be accomplished. Don't forget -- the correct routing indicator code for this RUWJHRA, and the content indicator must be ZYUW.

//////////

I-28 SUMMARY

This concludes our overview of LOGMIS. You have found that by keeping the LOGMIS data base current, you are providing decision-making data to managers at all levels of command in USACC -- including your unit. Your input to the data base is composed of "input transactions", transmitted by AUTODIN. In order to begin using LOGMIS, you must send a narrative message to HQ USACC, identifying certain required site information, if this has not previously been done. Once receipt of this message is acknowledged by HQ USACC, you may begin to submit data to the LOGMIS data bank. The data for input transactions is first entered on the worksheet for each type of transaction. These worksheets are found in your manual. From there, the information is transferred to an 80-column ADP Transcript Sheet (Optional Form 65) and key-punched. The punched cards are combined with a subject card, which you also prepare, and are given to your Comm. Center, along with a DD Form 1392. The Comm. Center transmits this information to Ft. Huachuca for processing into the LOGMIS data base.

You should always get an acknowledgement of input transactions within 10 days. If you don't, you have been given procedures to follow.

The output from LOGMIS falls into two categories: Periodic Reports and Inquiry Reports. Periodic Reports are distributed automatically, on a semi-annual, quarterly, and monthly basis and provide important asset status information to your unit and other levels of command in USACC. These Periodic Reports reduce the number of information requests to you by higher headquarters, while giving you valuable information automatically.

LOGMIS also provides UICs with information in response to specific inquiries. Information about NSNs, LINs, equipment modification status, and inventory of antennas, structures, and equipment is available.

Finally, the method for mass transfer of assets was described. This may be accomplished by narrative message when all reported assets are to be transferred within USACC, and should be done within 60 days after the unit deactivation date. The proper format must be followed.

////////////////////////////////////

I-29 If you're still curious, more detailed information can be found in Chapters 1 and 2 of your User's Manual, Volume I.

If you feel you are ready, you may now take the test. Begin the next section when you have passed the test satisfactorily.

////////////////////////////////////

Test
Section I

TEST BOOKLET
FOR
LOGMIS OVERVIEW
PROGRAMMED TEXT
(SECTION I)

Prepared for
USACC
under Contract DAEA18-77-C-0184

ARINC Research Corporation
a Subsidiary of Aeronautical Radio, Inc.
2551 Riva Road
Annapolis, Maryland 21401

LOGMIS OVERVIEW TEXT
REVIEW QUESTIONS

INSTRUCTIONS

Now that you have finished the LOGMIS Overview Programmed Text, there are some questions that must be asked to see how much you remember about LOGMIS.

On a separate sheet of paper, put your name and the numbers from 1 to 10. Next to the numbers write the letters corresponding to the correct answers to the 10 multiple-choice questions on the following pages. You may use the LOGMIS User's Manual (Vol. I) to help you answer the questions. Please do not write in this booklet.

Once you have answered all the questions, have your test corrected. If you answered a question incorrectly, re-read the paragraph for that question. Good luck!

LOGMIS OVERVIEW TEST

1. Which of the following is the specific purpose of the LOGMIS?
 - a. To greatly reduce repetitive asset reporting requirements throughout USACC
 - b. To provide a data base for management decisions by all levels of command in USACC
 - c. To reduce requests for asset information from Subcommands, Major Commands, and Headquarters, USACC
 - d. To assist in reconciling and updating elements of the property book
2. Which of the following is NOT a goal of the LOGMIS?
 - a. To develop a simple automated reporting system to collect, store, and process logistics data from field units
 - b. To utilize AUTODIN for transmitting current logistics information
 - c. To utilize 80-column cards for transmitting current logistics information to the central data base
 - d. To provide scheduled logistics management reports that will provide command-wide visibility of assets
3. Where does the basic information for the LOGMIS data base come from?
 - a. Input transactions
 - b. Periodic reports
 - c. Automatic reports
 - d. Inquiry transactions
4. What must a user do for each input of information to the LOGMIS data base?
 - a. Establish the UIC in the data base
 - b. Identify the site with a narrative message

- c. Enter input data on the proper worksheet
 - d. Transmit data to the data base by AUTOVON
5. Which of the following is NOT true about transmitting input transactions?
- a. The subject card begins "Subject: This is a LOGMIS message, ATN: CC-LOG."
 - b. The Data Message Form (DD Form 1392) contains the content indicator code DFBF.
 - c. The DD Form 1392, subject card, and all transaction cards are taken to the servicing communications center.
 - d. Only card-to-card AUTODIN transmissions can be accepted.
6. Which of the following is true about mass transfer of equipment?
- a. Both gaining and losing sites must be in the LOGMIS data base.
 - b. Mass transfer information may be in any format.
 - c. Only equipment reported by serial number can be mass-transferred.
 - d. Mass-transfer may be done within 90 days of unit deactivation.
7. What is the longest time it should take for the originating unit to receive acknowledgement of receipt of LOGMIS transactions?
- a. 5 days
 - b. 10 days
 - c. 15 days
 - d. 20 days
8. Input transactions are used for which of the following:
- a. To update the data base
 - b. To request asset information from the data base for a unit
 - c. To request asset information from the data base for a subcommand or command
 - d. a, b, and c are all correct
9. Which of the following is a periodic report?
- a. Antenna Inventory Report
 - b. Unit Equipment Modification Report
 - c. Antenna Structure Inventory Report
 - d. LIN Inquiry Report

10. Which of the following reports is the response to an inquiry transaction?

- a. TMDE Preferred Item List (PIL)
- b. Unit Equipment Modification Report
- c. TMDE Statistical Summary
- d. Antenna Structure Inventory Report

NOTE

You have now finished the test for Section I of the programmed text. If you are sure of your answers, have them checked. DO NOT BEGIN SECTION II UNTIL YOU HAVE PASSED THIS TEST!!

ANSWER BOOKLET

FOR

LOGMIS OVERVIEW
PROGRAMMED TEXT
(SECTION I)

Prepared for

USACC

under Contract DAEA18-77-C-0184

ARINC Research Corporation
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Annapolis, Maryland 21401

NOTE

This booklet contains the answers to the Section I test. These answers are suitable for use with a standard punched key, if desired.

Answers to multiple-choice questions appear with User's Manual references. Students with incorrect answers should be instructed to re-read the appropriate reference and the applicable portion of the programmed text.

Students may not begin work on the next section of the programmed text until this test has been satisfactorily completed.

ANSWERS AND REFERENCES FOR SECTION I TEST

<u>Answer</u>	<u>Volume 1 Paragraph Number</u>
1. b	2-2
2. c	2-3
3. a	2-4.1
4. c	2-4.1
5. b	2-4.1
6. a	6-4
7. b	2-4.1
8. d	2-4.1
9. b	2-4.3
10. d	2-4.3

LOGMIS
PROGRAMMED TEXT
SECTION II:
LOGMIS USER INPUTS

Prepared for
USACC
under Contract DAEA18-77-C-0184

ARINC Research Corporation
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2551 Riva Road
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INTRODUCTION

This is part two of a series of three programmed texts that will help you learn about LOGMIS and how to use the system to make your job easier. This introduction will tell you about this programmed text and the others in the series.

This programmed text is written in a way that will allow you to build on what you know. To get you started, the text will always tell you what you will know, or be able to do, once you have completed the text. These objectives are given before the body of the text. It's a good idea to read and understand them before you begin working on the text itself.

The main part of the text is made up of pieces of information called "frames". Each frame represents an important idea that will help you to attain an objective. The frames will usually tell you to read a small part of the LOGMIS User's Manual and then highlight the important ideas in what you have read. After that, it asks you a question about the information in the frame. You should answer the question from memory and check your answer against the one given. If your answer was incorrect, do the whole frame over again until you understand the material. Each part of the frame is separated by a dashed line (- - - -). Each frame is separated from the next by a line of slashes (/ / / /).

To finish this programmed text, you will need the text, of course, the LOGMIS User's Manual (Volume I), and something to write with. You will also need a blank worksheet for each transaction discussed. Once you get all that together, turn to the objectives for this text and read them. Then you will be ready to begin the text itself.

NOTE

Before beginning this programmed text, you should have completed Section I of the series, or at least have successfully taken the test for the section. If you have not done this, do not complete this text until Section I requirements have been satisfied.

LOGMIS OBJECTIVES

SECTION II: LOGMIS USER INPUT TEXT

When you finish the LOGMIS User Input Programmed Text, using the LOGMIS User's Manual, Volume I, you will be able to:

- Correctly complete all required data fields in LOGMIS Input Transactions
- Correctly complete all required data fields in LOGMIS Inquiry Transactions
- Identify equipment reportable to LOGMIS.

.....

.....

.....

[illegible]

II-2 This programmed text will examine the inputs to LOGMIS that you, as the LOGMIS Coordinator, will make. Because you are the single point of contact for LOGMIS access at your unit, you must be accurate with your input data. Before you submit data for key-punch, it's a good idea to verify the accuracy of the data with cognizant individuals.

Sources of data are:

- The Property Book Officer for on-hand asset information
- The COMSEC Custodian for COMSEC data
- Site personnel for data on antenna systems
- Maintenance personnel for equipment modification information

Verification of your input data with the appropriate individuals will decrease the possibility of rejection when you input your transactions.

Proceed directly to the next frame.

////////////////////////////////////

II-3 Before you can submit your input transactions, certain preparatory requirements should be fulfilled. These requirements were outlined in the LOGMIS Overview programmed text. But there's more! Read Section 3-2.2, on page 3-4, to get this good information.

All equipment that has a serial number will be reported to LOGMIS by its serial number. If an item does not have a serial number but needs one, it can be assigned locally. The exceptions to this rule are CTA items, which are NOT reported by serial number. Vehicles will be reported using their USA Registration Number. Small arms, which have different serial numbers on the barrel and receiver, will be reported using the receiver serial number only.

True or False:

Serial numbers for CTA items can be locally assigned. _____

False. Serial numbers are not assigned to CTA items. Specific instructions for reporting non-serial numbered CTA items will be given later in this text.

////////////////////////////////////

II-4 One tool that you can use to reduce the chance of your transactions being rejected is the Equipment Master File, or EMF. Turn to Page 3-8 in your manual and read the third paragraph of Section 3-2.3.

This is a fairly "busy" paragraph, so here's the summary.

- The MCN and NSN are 13 characters long. The ACVC is 6 characters long and is left-justified (starts at the left, remember?).
- The EMF comes as microfiche and is issued to each UIC every quarter.
- "Words of wisdom". Any time you report assets, first check to see if the NSN, MCN, or ACVC is in the EMF. If you can't find it, submit an L99 transaction. You'll find out how to do that later. If you get a rejection on a good NSN, MCN, or ACVC, check your 80-column worksheet and cards for errors.

True or False:

MCNs that have been submitted previously will never reject.

False. An item previously identified by an MCN may now have a valid NSN assigned. Also, a "good" NSN, MCN, or ACVC could be rejected because of a transcription or keypunch error. Dig out the worksheets and cards and check them closely. Errors for a "good" NSN, MCN, or ACVC can also be caused by a change in the AMDF, which will cause the NSN or ACVC to change. And finally, the NSN or ACVC may be so new that it isn't included in the EMF yet!

////////////////////////////////////

II-5 One piece of information you will always submit is the date. In LOGMIS, the Julian date is used in your transactions. To find out how to get the Julian date, read Section 3-3 on Page 3-8 of your manual. Don't skip Table 3-3!

Using the table is pretty easy, once you get the hang of it. First, find the current month on the top of the table. Find the day of the month on the left or right columns. Follow the month down, and the day across. Where the lines meet, you will find the number that is the Julian date. Right-justify the number, and add any zeros (Ø) you need to fill the spaces. Don't forget to slash your zeros! That's all there is to it. Now, it's your turn to try it.

In the spaces provided fill in the Julian date for the indicated non-leap year dates:

1. 25 January 2. 15 February 3. 26 July 4. 31 October

--	--	--

--	--	--

--	--	--

--	--	--

Here's what you should have:

1.

Ø	2	5
---	---	---

2.

Ø	4	6
---	---	---

3.

2	Ø	7
---	---	---

4.

3	Ø	4
---	---	---

Notice that the two-digit dates are both right-justified and zero-filled.

////////////////////////////////////

II-6 Now that we have examined some general information for transactions, it's time to examine the worksheets themselves. Read Sections 3-2 and 3-2.1 on Page 3-4 of your manual.

Remember from Section I that in order to submit your transactions, you need to fill out the worksheets and get them keypunched. DON'T THROW THE PUNCHED CARDS OUT RIGHT AWAY! You have seen how keypunch errors can cause a rejected transaction. It's hard to prove this if you don't have the cards! Instruction sheets are provided with the transaction worksheets in your manual. These worksheets may be reproduced locally. Use the worksheets for at least the first transaction of each type when you submit your transactions on an 80-column worksheet. This practice will reduce the number of your "edit" errors.

True or False:

Transaction worksheets can be reproduced locally. _____

True. These worksheets, along with the instructions in the manual, will help you prevent rejections caused by "edit" errors.

//////////

II-7 The first category of transactions we will examine is "asset visibility". Read the first paragraph, at the top of Page 3-2, to find out what transactions are included in asset visibility.

The transactions listed in the paragraph are important, because they are the way in which your assets are included in the Army Equipment Status Report (AESR) and the COMSEC Equipment Asset Reporting System (CEARS). Once your assets are reported by LOGMIS, your reporting requirements to higher headquarters are reduced, because the information is available from the LOGMIS data base. Remember -- you are the most important part of the LOGMIS.

True or False:

The L91 is an asset visibility transaction. _____

True. The L91 asset inquiry transaction will be important to you. The response to this transaction will make reconciliation of the property books with the Property Book Officer much easier. You will now begin a detailed look at each of these transactions.

//////////

II-8 Before you begin, get a blank L21 Worksheet. Got it? Good!
Now, turn to Page 3-11 of the manual and read the "Purpose"
paragraph.

The L21 is the cornerstone of asset visibility. It lets the
LOGMIS data base know what new assets you have on hand at any
time. You use the L21 to establish initial quantities of assets
and any asset gains you have experienced.

True or False:

The L21 is submitted any time you have an equipment gain.

True. The L21 adds new assets to the LOGMIS data base.
////////////////////

II-9 What do you report on an L21? Read "Equipment to Be Reported"
 on Page 3-11 to find out.

You use the L21 to report TOE and TDA equipment and items used in lieu of this equipment. This includes equipment on hand in excess of current authorizations, or on hand with no authorization. Report components that are separately authorized and all COMSEC equipment, excluding keying materials.

The L21 is also used to report RICC 1 and 2 equipment, including CTA items, Stock Record Account items, and all TMDE items that require calibration.

Finally, report all fixed-station antennas and their structures that support a USACC mission, regardless of their authorization.

True or False:

Both fixed-station antennas and antenna structures are reported on an L21. _____

True. Fixed-station antennas and their support structures are reported, regardless of authorization, provided they support a USACC mission.

////////////////////////////////////

II-10 There is a special way to handle antennas and their structures. You already found that you must also report them on L30, L31, L33, and L34. Now, turn to Page 3-13 of your manual and read the Section titled "Special Instructions for Antenna Structures and Antennas".

Each reportable fixed-station antenna must be initially reported on an L21, using the antenna serial number. If the antenna and its structure have the same NSN (check the EMF, remember?), a single L21 will report both of them together. If the structure NSN is different, submit another L21 for the structure. Use the structure number in place of a structure serial number.

True or False:

One L21 transaction will report any antenna/structure combination.

False. One L21 will only report an antenna/structure combination with the same NSN. This indicates that the combination is considered a single end item. For all other situations, submit a separate L21 for each fixed-station antenna and each structure.

////////////////////////////////////

II-11 Now that that's out of the way, we'll tackle the worksheet. Get your blank worksheet and turn to Page 3-15 in your manual. Read the instructions for Fields 1, 2, and 3.

Field 1 is for the Document Identifier Code (DIC). This 3-character field tells the computer what kind of transaction is being submitted. It must always be filled in on your worksheet.

Field 2 is for your UIC. The UIC is taken from the authorization document (TOE or TDA). It must always start with a "W" and is a mandatory field. If your UIC contains a zero, make sure you "slash" it (Ø). You can't use special characters in Field 2, and it must be completely filled in.

Field 3 is for your Site Code. Blocks 12 and 13 must always be filled in. The "crossed out" blocks 10 and 11 tell you to leave these blocks blank. DO NOT KEYPUNCH "X" FOR THESE BLOCKS. IF YOU DO, THE L21 WILL REJECT. This is a general rule for "crossed out" blocks -- leave them blank.

These three fields are what you use to identify a transaction as yours. Now, let's use these blocks.

On your worksheet, enter the following information:

- Your UIC is W19EAA
- Your site code is 23.

You should have:

LOGMIS WORKSHEET L21
REPORT OF ON-HAND EQUIPMENT ASSETS

Prepared by: _____

Date: _____

L	2	1	W	1	9	E	A	A	X	X	2	3
1	2	3	4	5	6	7	8	9	10	11	12	13
(DIC)			(UIC)						(Site)			

II-12 The next item on the L21 is the NSN, MCN, or ACVC. Read the instructions for Field 4 in your manual.

Easy enough! The field is left-justified. Just enter the NSN, MCN, or ACVC of the item being reported. Remember -- this is a mandatory field.

Enter the NSN for a 1/4 ton utility truck, which is 2320001779528, on your L21 worksheet. This is your basic jeep!

Here's what you should see:

2	3	2	Ø	Ø	Ø	1	7	7	9	5	2	8
14	15	16	17	18	19	20	21	22	23	24	25	26
Start here				(NSN/MCN/ACVC)								

Remember, Field 4 should always contain left-justified information. If you're not absolutely sure of the information to be entered here, check the EMF.

////////////////////////////////////

II-13 The next entry is the serial number. Read the instructions for Field 5 in your manual to get the "ins and outs".

The serial number is right-justified, and you cannot use zeros to fill up the field. Recall from the earlier reading that you can assign a serial number locally to COMSEC equipment, TMDE, vehicles, equipment used as a substitute for authorized equipment, equipment identified in User Field 1 and/or User Field 2, and, of course, equipment that has a serial number already assigned. If no serial number is assigned, enter an "X".

On your worksheet, fill in the serial number field for the jeep, which is NB09ZU.

Here's what you should have:

				N	B	0	9	Z	U
27	28	29	30	31	32	33	34	35	36
				(Serial Number)			Start here		

Remember, use the USA registration number for vehicles. Keep in mind that if the item does not require serial number reporting, "X" must be entered in Block 36, because this is a mandatory field.

//////////

II-14 Now, we will examine the quantity. Read the instructions for Field 6.

The big point is that any item that has a serial number assigned must be reported one at a time -- one serial number gets one L21, with a quantity of 1. If the item has no serial number (X in Block 36), report the quantity of items on hand.

One other thing -- when you use an L21 to report an equipment increase, show the quantity of the increase, NOT THE TOTAL QUANTITY. Serial-numbered items will still require an L21 for each item, and the quantity will still be 1 in this case.

Enter the proper quantity for our jeep in the quantity field of your worksheet.

Here's what you should have:

			1
37	38	39	40
(Quantity)			
			Start here

Because the jeep had something besides "X" in Block 36, the quantity cannot be more than one. Remember, this is a right-justified, mandatory field.

//////////

II-15 The Type Property Account (TPA) code is the next item you will encounter on your worksheet. Read the instructions for Field 7, turn to Page 3-18, and read it to determine which code to use.

The mandatory TPA entry shows the type property account document under which the equipment is entered. Codes for TOE unit organizational property and unit installation property books are identified, along with the TDA unit property book, the annex to the property book, and installation/DS/GS unit stock record account. The note in the manual tells you how to determine if your unit is TDA- or TOE-authorized, if you don't already know. Remember -- COMSEC assets on the property book should use a TPA code of "D".

Continue with our jeep example. Fill the proper TPA code in your worksheet.

Here's what you should see:

C

41
(TPA)

Since the second position of the UIC (W19EAA) is numeric, it represents a TDA unit property book item.

//////////

II-16 The Type Authorization (TA) code will be examined next. Read the instructions for Field 8 on Page 3-15, and then read Page 3-19 in your manual.

The TA code is a mandatory entry and gives the reason why you have the equipment you are reporting. Pay special attention to the note on Page 3-19. This tells you which TA codes are allowed with a given TPA code. For example, with a TPA of A or B, you can enter a TA of 1, 3, 4, 8, or 9.

Using the information supplied so far for the jeep, write the proper TA code for it on your worksheet.

You TA code should look like this:

2
42
(TA)

Since the jeep is authorized by TAADS TDA/MTDA, a TA code of 2 is correct. In a situation like this, the note in the manual is a real help.

////////////////////////////////////

II-17 The ownership code will now be discussed. Read the instructions for Field 9 on Page 3-15 of the manual and then read Page 3-20.

This mandatory entry is simple and straightforward. Just use the code that best tells who owns the equipment that you are reporting.

Let's say that the jeep is owned and operated by your unit in USACC. Now, enter the proper ownership code on your worksheet.

This is what you should have:

G

43

Ownership

The ownership of reported equipment can be verified with site personnel and the property book officer, if you're not sure which code applies.

////////////////////////////////////

II-18 The COMSEC account number is a mandatory entry on your worksheet. Read the instructions for Field 10 on Page 3-15 in your manual.

COMSEC items must be identified with their COMSEC account number on the L21. This account number is updated every week, so it's a good idea to verify the account number with the COMSEC custodian before you enter the number. Remember, COMSEC items MUST also have a serial number for proper identification.

If you are not reporting a COMSEC item, enter an "X" in Block 49.

In Field 10 on your worksheet, enter the proper information for our jeep.

Here's the correct entry:

					X
44	45	46	47	48	49

(COMSEC Account Number)

Since the jeep is not a COMSEC item, you should enter "X" in Block 49, so that SOMETHING appears in Field 10.

////////////////////////////////////

II-19 The authorized Line Item Number (LIN) is the next field you will encounter. Read the instructions for Field 11 on Page 3-15 of your manual.

The authorized LIN may not be required for your L21. If the item you are reporting is a substitute for the authorized LIN, enter the LIN of the authorized item from the TOE/TDA or other authorization document. The format of the L21 requires a letter to appear in Block 50 or 55. Numbers must appear in all other blocks of Field 11.

If the item reported is the authorized item, leave this field blank.

If the item is not a serial-numbered item (with "X" in Block 36), this field MUST be blank.

Fill in the required information for the jeep on your worksheet. It is not a substitute.

50	51	52	53	54	55

(Authorized LIN)

You should leave this field blank in this case, since our jeep is TDA authorized.

////////////////////////////////////

II-20 Field 12 contains "year of manufacture" information. Read the instructions for this field in your manual.

Field 12 is left blank for non-serial-numbered items, as was Field 11. Information is entered in this field for vehicles and air delivery items. A list of these air delivery items is found in the latest SB 700-20. Remember, an item being reported must be in existence, so the year in Field 12 cannot be later than the present year.

The jeep we are reporting was manufactured in 1977. Fill in Field 12 on your worksheet.

This is what you should have:

7	7
---	---

56 57

(Year of
Manufacture)

Remember, for information on air delivery items, check the latest SB 700-20.

II-21 Fields 13 and 14 are reserved for higher headquarters use. Complete instructions for their use will be provided to your unit. We will leave them blank for now.

Field 15 is for the Federal Supply Code for Manufacturers (FSCM). Read the instructions on Page 3-15.

Field 15 must be completed only for Administrative Motor Vehicles (ACC-RIC-B) and TMDE (ACC-RIC-T). You can get this information from the EMF, SB 708-41, or Handbook H 4-1. In all other cases, it is left blank.

Our jeep is used as an administrative motor vehicle, and the EMF shows a FSCM of 23040. Do what is necessary to your worksheet.

This is how Field 15 should look:

2	3	Ø	4	Ø
64	65	66	67	68

(FSCM)

You can find the information you need in the EMF, SB 708-41, or Handbook H 4-1. Remember, this field is used only for the FSCM of administrative motor vehicles and TMDE.

II-22 Field 16 is all crossed out, so we know we've got to leave it blank. We'll move on to the last three fields -- the year, day, and hour. Read the instructions for Fields 17, 18, and 19 on Page 3-15.

This information is used to specifically identify your transaction and will appear on all transactions you submit. The year and date cannot be later than the processing date at Ft. Huachuca, so be careful about what you use for a date.

To complete your worksheet, enter information to submit your L21 at 1600 on 7 December 1978.

Here's what you should have:

7	8
---	---

74 75
(Year)

3	4	1
---	---	---

76 77 78
(Day)

1	6
---	---

79 80
(Hour)

The last two digits of the year is in Field 17, the Julian date, found in Table 3-3, in Field 18, and the first two digits of the time in Field 19. Your worksheet is now complete.

////////////////////////////////////

II-23 Now that our L21 worksheet has been completed, what do we do with it? Our transaction must be keypunched -- you should remember that much! But first, get an 80-column worksheet (Optional Form 65).

The 80-column worksheet is the form that will keep you and the people who keypunch your transactions on friendly terms. Each block on your L21 worksheet is a column on the 80-column worksheet. Each column on the 80-column worksheet is a column on a keypunch card. Transferring your transactions to an 80-column worksheet will make life much easier when the information is keypunched.

Try your hand at transferring the information from your L21 worksheet to Line 1 (across) on your 80-column worksheet. Remember, neatness counts!

A completed 80-column worksheet is shown on the next page. Compare your worksheet with it, and review any fields you had trouble with. If yours looks like the one in this text, you may continue.

////////////////////////////////////

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
L2/W19EAA										232328001779528										WB09ZU										1C2G										X										23040										7834116																																							

ADP TRANSCRIPT SHEET

5010-101

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ADP Form 5010-101

II-24 The next asset visibility transaction we will examine is the L22 - Report of Equipment Decrease. Turn to Page 3-21 in your manual and read the "Purpose" paragraph.

The L22 can be used for any reason that requires you to delete an item from your site as reflected in the LOGMIS data base. A deletion may be necessary because an item was incorrectly identified by NSN or serial number. The L22 can delete an item that was lost, turned in for salvage, or transferred outside USACC. It can also be used to delete the total quantity of items you have on hand, but you must submit an L21 to establish the correct information in the data base.

True or False:

An L22 can be used to delete assets that are transferred to a unit outside USACC. _____

True. It can also be used to delete invalid records from the data base. If you do this, don't forget to submit an L21 with the correct information after the L22 has been accepted.

////////////////////////////////////

II-25 Where can you get the information to fill out an L22? Read the "General Instructions" on Page 3-21 of your manual to find out.

You have seen that information needed for an L22 can come from many places. The basic documents for different situations are listed in the manual. Note that L22's for serial-numbered items do not need TPA, TA, and ownership codes for the item being deleted.

True or False:

An L22 for an item being turned in can use a DD Form 1348 for source data. _____

True. You can also use a DA Form 2765 or 3161 to get the data. If this still does not give you what you need, check with the organization that turned in the item.

////////////////////////////////////

II-26 Now, we can get started filling out an L22. Get a blank L22 worksheet, then turn to Page 3-23 in your manual.

Fields 1, 2, and 3 are our old friends from the L21. You enter the same things you did before, to tell LOGMIS who you are and what transaction this is. No sweat!

On your L22 worksheet, enter the correct information to show that you are:

UIC: W19EAA; Site: 15.

Here's what you should have:

L	2	2	W	1	9	E	A	A	X	X	1	5
1	2	3	4	5	6	7	8	9	10	11	12	13
(DIC)			(UIC)						(Site)			

If your L22 does not show this, turn back to Frame II-11, and get to work!

////////////////////////////////////

II-27 It is necessary to enter the NSN, MCN, or ACVC of the item in question now. Read the instructions for Field 4 on Page 3-23 of your manual.

The NSN, MCN, or ACVC is entered in Field 4. This can be obtained from the documentation (DA and DD Forms, etc.) and must match what is shown in the LOGMIS data base. Field 4 is mandatory.

We are documenting the turn-in of a multimeter display unit. The NSN is 6625005389758. Do what is necessary to your worksheet.

This is what you should have:

6	6	2	5	Ø	Ø	5	3	8	9	7	5	8
14	15	16	17	18	19	20	21	22	23	24	25	26
Start here				(NSN/MCN/ACVC)								

Use your DA Form 2765 or 3161 or the DD Form 1348 to get the information.

////////////////////////////////////

II-28 Field 5 identifies the specific item being deleted. Read the instructions for Field 5 on Page 3-23 of your manual to find out how this happens.

There are two things to watch in Field 5. Be sure the serial number agrees with what is in the LOGMIS data base or you will delete the wrong item. This makes more work for you. Also, remember to right-justify the information.

The serial number of our display unit is 1304A02595. Fill in your worksheet.

Your Field 5 should look like this:

1	3	Ø	4	A	Ø	2	5	9	5
27	28	29	30	31	32	33	34	35	36
(Serial Number)						Start here			

If the item has a serial number, it will affect some other things in your L22, as you will see.

//////////

II-29 Field 6 is used for the quantity. Read the instructions for Field 6 in your manual for the proper entry.

Field 6 is right-justified and mandatory. If you are deleting a serial-numbered item, enter a 1 in this field. Guess what -- this means one L22 for each serial-numbered item being deleted! For non-serial-numbered items, enter the total number of items that you want to delete. You don't need to fill the field with zeros.

Enter the proper information in Field 6 on your worksheet for your multimeter display unit.

This is what Field 6 should look like:

			/
37	38	39	40
(Quantity)			Start here

You should enter a 1 here because the unit has a serial number in Field 5.

////////////////////////////////////

II-30 Fields 7, 8, and 9 may be filled in, depending on the presence of a serial number. Read the instructions on Page 3-23 of your manual for Fields 7, 8, and 9.

These fields are completed only for non-serial numbered items. Completing them is simply a matter of filling in the proper codes. Be sure that these codes match those in the data base.

On your worksheet, perform the necessary actions for our display unit in Fields 7, 8, and 9.

Here's what you should have:

☐

41
(TPA)

☐

42
(TA)

☐

43
Ownership

Because the unit has a serial number, no entry is required.

////////////////////////////////////

II-31 Field 10 is left blank. It consists of 30 crossed-out blocks. This brings us to Fields 11, 12, and 13. Read the instructions in your manual for these fields.

Fields 11, 12, and 13 make up the "date-time group" used to identify this particular transaction. This information was covered in the L21 portion of the text.

We are submitting this L22 on 8 November, 1978, at 1300. Enter the correct information on your worksheet.

This is what your date-time group should be:

7	8
---	---

74 75
(Year)

3	1	2
---	---	---

76 77 78
(Day)

1	3
---	---

79 80
(Hour)

Your L22 worksheet is now complete and ready to put on an 80-column worksheet. If you're having problems, re-read Frame II-22 to get the word.

////////////////////////////////////

II-32 The next transaction we will examine is the L23 Report of Equipment Transfer. Read the "Purpose" and "General Instructions" paragraphs on Page 3-27 of your manual.

The L23 is used to report the transfer of equipment from your UIC/site to another UIC or site within USACC. Remember, if the equipment leaves USACC, delete it with an L22. Get your basic information from the DA Form 1361, DD Form 1348, and your monthly LOGMIS Asset Report.

True or False:

The L23 is used to report the transfer of an item to a non-USACC unit. _____

False. Use the L23 to report equipment transfers within USACC only, even if it's only going to another site under your UIC. Transfers outside USACC are reported on an L22.

//////////

II-33 The L23 requires some "special handling". Read the "Special Instructions" on Pages 3-27 and 3-28 of your manual.

To use the L23, you should have some things handy. From the LOGMIS Coordinator at the gaining site, get the UIC and site codes. Remember, the gaining site has to be in the LOGMIS data base, too. Make sure there is no duplication of the serial number at the gaining site.

Don't forget to pass on any in-lieu-of data (LIN substitute), or antenna maintenance data associated with the equipment being transferred, because the L23 deletes this data from the LOGMIS data base.

If you can't get the gaining site's site code, you can use 00 in its place.

True or False:

The L23 will transfer all equipment data to the gaining site's record. _____

False. In-lieu-of data and antenna maintenance data are deleted from the LOGMIS data base and must be re-entered by the gaining site.



//////////

II-34 At this point, let's get into the L23 worksheet. Turn to Page 3-31 and read the instructions for Fields 1, 2, and 3. Then get a blank L23 worksheet.

Fields 1, 2, and 3 are the same DIC/UIC/site information we've been doing all along. Remember, the losing site submits the L23, so you (as the losing site) put your information here.

For this worksheet, you are Site 13 of UIC W19EAA. Write your data on the worksheet.

This is what you should have:

L	2	3	W	1	9	E	A	A			1	3
1	2	3	4	5	6	7	8	9	10	11	12	13
(DIC)			(UIC) (Losing)						(Site) (Losing)			

If your worksheet entries are different from this, you have BIG problems! Turn to page 3-8 in the manual, and read Section 3-3 very carefully.

If your fields are correct, continue.

////////////////////////////////////

II-35 Next in line is Field 4. Read the instructions on Page 3-31 in the manual.

Field 4 contains the NSN, MCN, or ACVC of the equipment being reported. Don't forget to verify your data.

In this case, we will report the transfer of a waveform analyzer, NSN 6625006897685. Put the required information on your work-sheet.

Here's what it looks like:

6	6	2	5	Ø	Ø	6	8	9	7	6	8	5
14	15	16	17	18	19	20	21	22	23	24	25	26
Start here				(NSN/MCN/ACVC)								

Don't forget to verify your data before you submit the L23.

////////////////////////////////////

II-36 Field 5 shows the serial number. Read the instructions for Field 5 in your manual.

The serial number shown in Field 5 is right-justified. Remember to check with the gaining site to avoid duplication of serial numbers, which will cause the L23 to reject. If this happens, contact the gaining unit and submit an L22 to delete the item at your unit. Be sure the gaining unit picks up the item on an L21.

The serial number of the waveform analyzer is 8262129. Enter it in the correct place on your worksheet.

This is what it should look like:

			8	2	6	2	1	2	9
27	28	29	30	31	32	33	34	35	36
(Serial Number)						Start here			

Remember, Field 5 is right-justified. You don't fill this field with zeros.

//////////

II-37 We will now discuss the quantity, found in Field 6. Read the instructions for Field 6 on Page 3-31 of your manual.

The quantity in the L23 works the same way as it did in the L22. Each serial-numbered item transferred needs a separate L22, with a quantity of 1. L22's for items without serial numbers will show the total number of items transferred. An entry in Field 6 is mandatory.

Enter the proper quantity on your worksheet for the waveform analyzer.

Because the item had a serial number, the quantity, as you can see, is 1. Submit an L23 for each serial number item transferred.

			/
37	38	39	40

(Quantity)

Start here

////////////////////////////////////

II-38 Fields 7, 8, and 9 may or may not appear on your L23. Read the instructions on Page 3-31 to get the information.

The TPA, TA, and Ownership codes of the transferred equipment is filled in the proper blocks on your worksheet. You can obtain these codes from your site's current LOGMIS Asset Report. For serial-numbered items, these blocks must be left blank.

The LOGMIS Asset report shows the following information for our waveform analyzer:

TPA Code: C
TA Code: 2
Ownership: G

Perform the necessary action on your worksheet.

Here's what you should have:

☐

41
(TPA)

☐

42
(TA)

☐

43
Ownership

Because we are reporting the item by serial number, you don't fill in anything for these fields. Remember, these are mandatory fields for non-serial numbered items.

//////////

II-39 Fields 10 and 11 tell the LOGMIS data base to whom the equipment is transferred. Read the instructions for these fields in your manual.

If you are not sure what the UIC and site codes are for your equipment's "new home", you should contact your Subcommand LOGMIS Coordinator. There must always be an entry in these fields. If you can't get the site code, you can use 00 for Field 11.

Your analyzer is being transferred to Site 25 of UIC W15EAA. Make the required entries on your worksheet.

Here's the correct information:

W	1	5	E	A	A
44	45	46	47	48	49
(UIC) (Gaining)					

X	X	2	5
50	51	52	53
(Site) (Gaining)			

Don't forget to verify that the UIC and site are in the LOGMIS data base. And don't forget to pass on any "in lieu of" and antenna maintenance data, because LOGMIS won't.

//////////

II-40 Field 12 is left blank. It is made up of Blocks 54 to 73 on your worksheet. These blocks are crossed out.

The final entry is the date-time group, found in Fields 13, 14, and 15. The instructions are the same as for the L21 and L22.

You are submitting your L23 on 8 December 1978 at 1600. Make the required entries on your worksheet.

Here is the correct date-time group:

7	8
---	---

74 75

(Year)

3	4	2
---	---	---

76 77 78

(Day)

1	6
---	---

79 80

(Hour)

This will be the last time we will mention these fields in this text. Remember, it is mandatory on all your transactions - don't forget to make the entry.

Your L23 is now complete and ready to transfer to an 80-column worksheet for keypunch.

////////////////////////////////////

II-41 You have now gone over the worksheets required to report new equipment to LOGMIS, decrease the equipment on hand, or transfer equipment to another UIC/site in USACC. But what do you do to change data for your equipment? Turn to Page 3-35 in your manual and read the paragraph titled "Purpose".

The L27 can add, delete, change, or correct certain data in the LOGMIS data base. You can't use an L27 for UIC or site, the NSN, serial number, or quantity of the item on hand. This is the job of the L21 or L22. You can work on the COMSEC Account Number, Authorized LIN, Year of Manufacture, User Fields 1 and 2, FSCM, and the TPA, TA, and Ownership Codes.

True or False:

The quantity of an item may be changed using an L27.

False. The quantity is changed by using an L21 for a gain, or an L22/L23 for a decrease, as appropriate. Almost all other information is fair game for an L27.

////////////////////////////////////

II-42 What do you do to change this data? Read the rest of Page 3-35 to find out.

The need for an L27 can arise from the Monthly LOGMIS Asset Report reflecting incorrect data. For serial-numbered items, fill in the basic identification data. For non-serial-numbered items, remember, the old TPA, TA, and ownership codes must be shown exactly as they appear in the LOGMIS data base.

True or False:

The old TA code need not be shown for a non-serial-numbered item if it is not being changed. _____

False. You must show the old TPA, TA, and ownership codes on the L27 for non-serial-numbered items, even if they are not changed. These codes provide identification data in place of a serial number and must appear. If they don't, LOGMIS will not know what you are changing from.

////////////////////////////////////

II-43 Now, let's get into the worksheet. Turn to Page 3-37, get an L27 worksheet, and read the instructions for Fields 1, 2, and 3.

These fields identify the type of message and where it is coming from. Once again, these fields will always be filled in.

On your worksheet, properly fill in the information for an L27, submitted by Site 11 of W19EAA.

Here's how it should look:

L	2	7	W	1	9	E	A	A	X	X	/	/
1	2	3	4	5	6	7	8	9	10	11	12	13
(DIC)			(UIC)						(Site)			

This is the last time we will discuss these fields. Remember, they reflect where you are, since you are sending in the transaction. These fields, along with the day, year, and hour fields, positively identify each transaction you submit.

//////////

II-44 The next field helps to identify the item which is changing.
Read the instructions for Field 4.

The information in Field 4 is mandatory and is entered for all L27 transactions, even for items that have no serial number. Remember to left-justify.

For our example, we will correct the year of manufacture for a Hewlett Packard spectrum analyzer and delete User Field 1 and 2 information. The NSN for this item is 6625003591927. Enter it on the worksheet.

This is what you should have:

6	6	2	5	Ø	Ø	3	5	9	1	9	2	7
14	15	16	17	18	19	20	21	22	23	24	25	26

Start here (NSN/MCN/ACVC)

Remember, this field must always be filled in. You can't change this data with an L27! If the NSN is incorrect, delete the item with an L22. When the L22 is processed by LOGMIS, submit an L21 with all required information for the item.

////////////////////////////////////

II-45 The next several fields identify the item being changed. Read the instructions for Fields 5 and 6 in your manual.

Fields 5 and 6 depend on the presence of a serial number. If the item has a serial number, enter it in Field 5 (right-justify), and enter a 1 in Field 6 (also right-justified). If no serial number is present, enter the proper quantity of the item in Field 6.

Enter the proper information for our spectrum analyzer in Fields 5 and 6. The serial number is 1415A01159.

This is what you should have:

1	4	1	5	A	0	1	1	5	9				1	
27	28	29	30	31	32	33	34	35	36	37	38	39	40	
						(Serial Number)				Start here	(Quantity)			Start here

Because we have a serial number, the quantity MUST be 1. Remember you must submit an L27 for each serial-numbered item.

////////////////////////////////////

II-46 For items without a serial number, Fields 7, 8, and 9 provide the remaining identifying data necessary. Read the instructions for these fields in your manual.

If the item is not identified by serial number, it is identified in LOGMIS by NSN, as well as TPA, TA, and ownership codes. In order to change information on these items, LOGMIS must start with known data. This data should already be present, even if it's incorrect. Use the data shown in the Monthly Asset Report as a source for Fields 7, 8, and 9. These fields are left blank if a serial number is shown.

Enter the required data in Fields 7, 8, and 9 for our spectrum analyzer on your worksheet.

41
(Old
TPA)

42
(Old
TA)

43
(Old
Ownership)

As you can see, no entry is necessary, because we had a serial number in Field 5. If we had no serial number, we would have gone to the Monthly Asset Report to get the old TPA, TA, and ownership codes.

////////////////////////////////////

II-47 Field 10 is an important area of coordination between you and your COMSEC Custodian. Read the instructions for Field 10 in your manual.

Remember, check with your COMSEC Custodian to get the proper data for this field. Field 10 can only be filled in along with a serial number in Field 5. Enter the CORRECT information in Field 10, regardless of what is in LOGMIS.

Enter the proper information in Field 10 for our spectrum analyzer.

--	--	--	--	--	--

44 45 46 47 48 49
(COMSEC Account Number)

Because our equipment is not a COMSEC item, no entry is required. Remember, COMSEC items are identified by serial number. Don't forget to check with the COMSEC Custodian before you enter the correct account number in Field 10.

////////////////////////////////////

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APR 79

F/G 15/5

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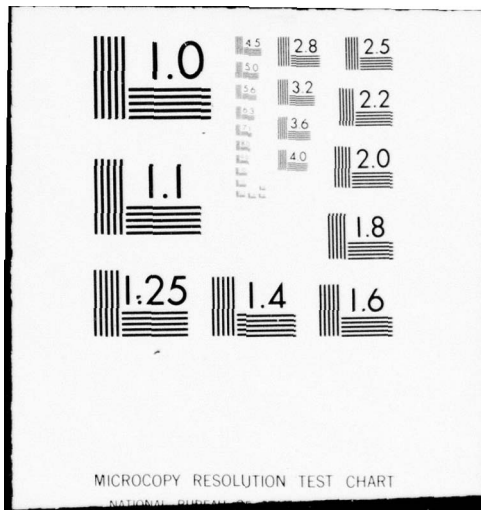
1340-02-2-1909

DAEA18-77-C-0184
NL

2 OF 3
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A070116

AD
A070116

100



II-48 Field 11 concerns the LIN of the item, and has some strings attached. Read the instructions for Field 11 in your manual.

First, Field 11 is used for the new, changed, or corrected LIN. If the LIN is not affected, leave Field 11 blank.

Field 11 data is used for items that are substitutes for authorized LIN items (also called "SUB-LIN"). This is an important point, since it affects many of the reports you will receive. Be very careful when you enter data in Field 11. Enter the correct LIN for the item you should have. Use the TOE/TDA or other authorization document as a source.

To delete a previously submitted LIN, enter a \$ in Field 11. Don't forget to left-justify the \$.

The authorized LIN of our spectrum analyzer is correct. Perform the necessary action on your worksheet.

50	51	52	53	54	55

(Authorized LIN)

As you can see, the only data in Field 11 should be:

- New, changed, or corrected LIN
- Left-justified \$ to delete a previously entered, authorized LIN
- No entry if the information in the data base is correct, or if the item doesn't have a serial number.

////////////////////////////////////

II-49 Field 12 also has some conditions. Read the instructions for this field to see what they are.

The year of manufacture is necessary for vehicles and air delivery items. To change the data for these items, enter the correct year in Field 12. Use SB 700-20 as a reference for air delivery items. Check with the Property Book Officer before entering change data in Field 12.

The year of manufacture for our spectrum analyzer is 1977. Perform the proper action on your worksheet.

7	7
---	---

56 57

(Year of
Manufacture)

Since the date changed, an entry in Field 12 is required. Remember, the year that is shown (last two digits) must be correct, and cannot be later than the current year.

////////////////////////////////////

II-51 Field 15 concerns the FSCM. Read the instructions in your manual for this field.

Corrections to the FSCM are entered using Field 15. The FSCM applies to two classes of items: vehicles and TMDE. For all other equipment with serial numbers, the FSCM is not required. No entry is necessary for non-serial-numbered equipment. Check with the Property Book Officer before submitting any changes to the FSCM.

The FSCM for our spectrum analyzer is correct. Do what you must to Field 15.

64	65	66	67	68

(FSCM)

As you can see, no entry is necessary since the data is correct. The only change data that would appear is for TMDE and vehicles. Remember to check with the Property Book Officer before submitting a FSCM change.

////////////////////////////////////

II-50 Fields 13 and 14 are used as designated by higher headquarters.
Read the instructions found in your manual for these fields.

Remember, the information in these fields is left-justified. It
can be deleted using the \$, in the same way as in Field 11.

We want to delete User Field 1 and 2 information for our spectrum
analyzer. Do what is required on your worksheet.

\$		
58	59	60

Start here (User Field 1)

\$		
61	62	63

Start here (User Field 2)

Remember, whatever is entered in Fields 13 and 14 is left-justi-
fied. Once again, information previously submitted in these
fields is deleted using the \$, as you should have done.

////////////////////////////////////

II-52 Fields 16, 17, and 18 are the result of a change to TPA, TA, or ownership code. Read the instructions for these fields.

The data in any or all of these fields may be changed as required. Use the information in the attachments on Pages 3-40, 3-41, or 3-42 to get the proper code and fill in whichever field is necessary. Remember to check with the Property Book Officer before submitting these changes.

The TPA, TA, and ownership codes for our spectrum analyzer are correct as shown on the latest Monthly Asset Report. Make the necessary entries on your worksheet.

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
69	70	71
(New TPA)	(New TA)	(New Owner- ship)

As you can see, no entry is required. These fields change the codes entered in Fields 7, 8, or 9 to the proper codes for the actual situation.

Remember, for non-serial-numbered items, you must fill the old codes in Fields 7, 8, and 9, even if you change only one code in Field 16, 17, or 18.

////////////////////////////////////

II-53 Field 19 is left blank, because Blocks 72 and 73 are crossed out. Fields 20, 21, and 22 are our old friends the date-time group, which we covered earlier. When the date-time group is filled in, your worksheet is complete and ready to transfer to your 80-column worksheet and punch card.

Remember, the L27 is used only to change data for TPA, TA, ownership, COMSEC account number, authorized LIN, FSCM, and User Fields 1 and 2. Remember to check with the proper individuals before you submit changes.

////////////////////////////////////

II-54 Now, it's time for a fast recap. In your efforts so far, you have completed worksheets to:

- Report equipment gains (L21)
- Report a decrease in equipment (L22)
- Report the transfer of equipment to another UIC or site within USACC (L23)
- Correct certain data already in the LOGMIS data base (L27)

The L21 is used to report a gain or initial quantity of:

- On-hand TOE/TDA equipment and items used in lieu of it
- RICC 1 and 2 on-hand equipment, including RICC 1 and 2 items
- All TMDE that require calibration
- All fixed-station antennas and antenna structures that support a USACC mission
- All RICC 1 and 2 SRA items and TMDE that require calibration

You should remember that each item with a serial number requires its own L21 to be submitted.

The L22 is used to report a decrease in equipment, caused by turn-in, transfer outside USACC, an inventory adjustment, or report of survey. The L22 is also used to remove an invalid NSN or serial number from the LOGMIS data base. In this situation, don't forget to get the correct NSN and serial number back into the data base with an L21.

Don't forget to use the TPA, TA, and ownership codes that are shown in the latest Monthly Asset Report when you submit an L22 for non-serial-numbered items.

The L23 is used to report the transfer of equipment from your UIC/site to another UIC or site within USACC. Remember to let the gaining unit know what LIN-substitute and antenna maintenance data is associated with the equipment, because this is not transferred by LOGMIS.

Proceed to the next frame.

////////////////////////////////////

II-55 The next type of input that will be detailed concerns equipment modifications. Turn to Page 3-2 in your manual and read the third paragraph in Section 3-1.

For now, we will concentrate on the L29 and L61 and save the L92 for later. You use the L29 and L61 to report modification status. These inputs are used for Army Modification Work Orders (DAMWO), manufacturer's modifications, field fixes, and other requirements.

True or False:

The L29 is used to report the status of DAMWO's. _____

True. The L29, along with the L61, is used to report modification status. Don't forget to stay close to your maintenance personnel when you use these inputs.

//////////

II-56 The first equipment modification input we will examine is the L29 , Notice of Equipment Modification. Get a blank L29 worksheet, turn to Page 3-43 in your manual, and read the first two paragraphs on the page.

The L29 has two uses. First, it lets you know that a modification on some of your equipment is due. Second, you use it to notify HQ USACC of the status of your modification. The L29 will come to you in card form and most of it will be pre-punched.

True or False:

The L29 will be almost completely pre-punched when you receive it. _____

True. This transaction will come to you almost entirely filled in. Your worksheet will help you to locate important data contained in the transaction.

//////////

II-57 Now that you have the L29, what do you do with it? Read the remainder of the General Instructions on Pages 3-43 and 3-45 of your manual to find out.

The first thing you should do when you get an L29 is to let the equipment users know that a modification is due on their equipment. The L29 gives you valuable equipment data, including NSN/MCN/ACVC, serial number, TPA, TA, and ownership codes, equipment modification number, priority, and expiration date. If more information is needed, a "Referenced Message Number" is given.

After checking with the maintenance personnel, you may be able to submit your reply, advising HQ USACC that the equipment has been modified or that the mod does not apply. If the mod has NOT been applied, hang on to the L29 until it has been completed and then submit it.

True or False:

If a modification to equipment identified in an L29 has not yet been done, you can submit the L29 anyway. _____

False. Keep the L29 until the work has been done, then submit it to HQ USACC. Note that the item is identified by serial number. You will get an L29 for each item that you are responsible for in the LOGMIS data base, even if it is not reported by serial number.

////////////////////////////////////

II-58 Let's turn our attention to the worksheet. Read the "quick and easy" instructions on Page 3-47 of your manual.

You now see that the bulk of the worksheet is used to identify the specific item to be modified. It is vital that you let maintenance know what's going on! Based on their reply, you submit the L29 or keep it until the mod is finished.

When you're ready to submit, fill in Block 67 with "A" for a completion or "N" to let LOGMIS know the mod does not apply to the item that is identified.

You get an L29 for one of your waveform analyzers telling you to apply MWO 11-7440-214-30-5 no later than 30 January (translated from the Julian date). In checking with maintenance, you have found that the mod is completed. Insert the proper code in Block 67.

A

67

(Action)

Because the mod was completed, an "A" is inserted. Now, complete Fields 16, 17, and 18 with the date-time group, and submit the L29 in the normal way.

////////////////////////////////////

II-59 Let's assume that you were not able to submit an L29 because the mod kit was not available and will not be available for some time. How do you let HQ USACC know the status? The L61 is the way to go. Turn to Page 3-81 in your manual and read it over.

The L61 lets HQ USACC know that there will be a delay in applying a mod. If a long delay is anticipated, an L61 may help shorten the wait by applying ACSLOG "muscle" to the problem, if necessary.

True or False:

The L61 is used to advise HQ USACC that a mod is not applicable to a certain piece of equipment. _____

False. This is done with an L29. Use the L61 to report the reason for a delay in applying a mod to your equipment.

////////////////////////////////////

II-60 How is the L61 filled out? Read the instructions for Fields 1, 2, and 3 on Page 3-83 of your manual for openers.

These fields are the same old DIC, UIC, and site fields, but with a difference. The 00 in Field 3 means that you cannot identify anything below the UIC-level with the L61. If you are at the site level, get with your UIC to submit the L61.

True or False.

You may enter any site number in Field 3. _____

False. Field 3 must always contain 00. Anything else will cause a reject due to an edit error.

////////////////////////////////////

II-61 Now, we'll look at the "meat" of the L61. Read the instructions for Fields 4 and 5, found on Page 3-83 of your manual.

The reason for delay should be short and to the point. Just write the reason in Field 4. The mod number that is being delayed goes in Field 5. Remember to left-justify both of these fields. No sweat!

Get a blank L61 worksheet for this:

You are at UIC W19EAA. There is a delay on modification #11-7440-153-20-5 caused by kits on back order. Fill out your L61.

Here's what you should have:

L	6	1	W	1	9	E	A	A	X	X	ø	ø
1	2	3	4	5	6	7	8	9	10	11	12	13
(DIC)			(UIC)						(Site)			

K	I	T	S		O	N		B	A	C
14	15	16	17	18	19	20	21	22	23	24
(Reason for Delay)										

K	O	R	D	E	R					
25	26	27	28	29	30	31	32	33	34	35
(Reason for Delay)										

36	37	38	39	40	41	42	43	44	45	46
(Reason for Delay)										

(continued)

(II-61 continued)

1	1	-	7	4	4	Ø	-	1	5	3	-	2	Ø	-	5		
47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64

Start here (Equipment Modification Number)

Notice that your reason is left-justified and that a hyphen(-) is not needed when a word will not fit on one line.

All you need now is your date-time group in Fields 7, 8, and 9, and your L61 is ready to submit.

////////////////////////////////////

II-62 To summarize, the equipment modification input transactions are the L29 and the L61.

The L29 will arrive pre-punched and notifies you of a modification due on your equipment. After you verify the information on the L29 with the maintenance personnel, enter the appropriate action code in Field 14, enter the date-time group, and submit the L29 to LOGMIS.

The L61 is used to let HQ USACC know the reason for a delay in accomplishing an equipment modification. Remember, specific sites are not identified on the L61 - only the UIC. To use the L61, enter the reason for delay and the modification number in the appropriate fields after checking with maintenance. Then enter the date-time group, and you can submit.

////////////////////////////////////

II-63 We will turn our attention to the third category of inputs--
"Antenna Maintenance". Turn to Page 3-2 of your manual. and
read the third paragraph.

The antenna maintenance input transactions provide the LOGMIS
data base with basic information regarding the number and
condition of both fixed-station antennas and structures in USACC.
The information you submit is used to make decisions regarding
antenna maintenance funding, as well as inspection schedules.

Remember the L21 and how it was used to report your assets to
LOGMIS? Fixed-station antennas and their structures are assets,
too, so don't forget to report them on an L21 before you submit
your L30, L31, L33, and L34.

True or False:

Antenna maintenance input transactions are used only to keep
track of antenna condition. _____

False. These transactions do provide condition data, but they
also are used to decide how to budget antenna maintenance funds
as well.

////////////////////////////////////

II-64 The first input we will cover is the L30. Turn to Page 3-51 in your manual, and read the Purpose and General Instructions.

The L30 reports new information for fixed-station antennas and their structures or deletes the information already present in the data base. It can also be used to change this supplemental data.

Two points to remember:

- When you use an L30 to delete data, the data submitted on L31, L33, and L34 is automatically deleted.
- The assets for which you submit the L30 MUST have been already entered, using an L21.

True or False:

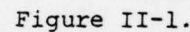
The L30 deletes only the data specified in the L30. _____

False. The L30, when used to delete data, also deletes data submitted on the L31, the L33, and the L34, reducing the number of transactions you need to submit in order to delete data.

////////////////////////////////////

.....

If the antenna/structure is one unit, you will need to submit an L21. Wait until it is accepted in the data base and then submit your L30. This is shown in Figure II-1. In this situation, the serial number of the antenna is the structure number. This number should be used on both the L21 and the L30. Discone, billboard, and rotatable log periodic (RLP) antennas/structures nomenclatured as a single item fall into this category.



/ /

II-66 If your antenna and structure are separately nomenclatured, your approach is different. First, submit one L21 for the structure and another L21 for the antenna. When these L21's are processed into the data base, submit one L30 for the structure and one L30 for each antenna. Whenever you report the structure, enter the structure number in the field used for the serial number. The report requirements are shown in Figure II-2.

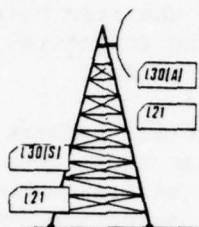


Figure II-2.

Fill in: An installation to be reported consists of 2 antennas mounted on a tower. How many L21's and L30's must you submit?

L21: _____ L30: _____

In this case, you submit an L21 and L30 for the tower, and an L21 and L30 for each antenna. The sequence is: 1 L21 (Tower) + 2 L21's (antennas), totalling 3 L21's. These are accepted by LOGMIS. Then 1 L30 (Tower) + 2 L30's (antennas), totalling 3 L30's. The grand total is:

L21: Tower + Antenna + Antenna = 3

L30: Tower + Antenna + Antenna = 3

Remember, this applies whether the separate structure is a tower, an ATC tower, a building, or whatever.

////////////////////////////////////

II-67 The L30 itself is not complicated. Get a blank L30 worksheet.
Turn to Page 3-55 and read the instructions for Fields 1, 2, 3,
4, and 5.

Fields 1, 2, and 3 should be no mystery - they are the message
type (DIC), UIC, and site data we've seen on every input. Field
4 is the NSN or MCN of the item being reported, whether it's an
antenna, or a supporting structure, or an antenna/structure
combination. No sweat so far!

Field 5 contains the serial number, and here is where you use
your judgment. Antennas and antenna/structure combinations being
reported should have a serial number. Get it from the site
personnel. Structures being reported must have the structure
number reported here. USACC Supplement 2 to AR 750-1 will give
you the word on assigning structure numbers.

You are submitting an L30 with additional tower data not sub-
mitted previously.

The L21 you submitted for it showed:

NSN: 5445005506062
Serial Number: 5

Enter this information on your worksheet.

This is what you should have:

5	4	4	5	Ø	Ø	5	5	Ø	6	Ø	6	2
14	15	16	17	18	19	20	21	22	23	24	25	26
Start here				(NSN/MCN)								

									5
27	28	29	30	31	32	33	34	35	36
(Serial Number)									Start here

Notice that leading zeros are not used for the serial number.

////////////////////////////////////

II-68 The next field to be filled in is Field 6. Read the instructions for this field in your manual.

Field 6 contains the Joint Electronics Type Designation System (JETDS) number or the manufacturer's model number of the asset you are reporting. The source for the numbers is site personnel. Field 6 may be filled in for L30's used to add or change data and is not a requirement to delete data.

The model number of our tower is AB-216/U. Enter it in the proper place on your worksheet.

A	B	-	2	1	6	/	U								
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	
Start here		(JETDS/Model Number)													

As you can see, the left-justified entry is required, because our L30 is for additional (A) tower data.

////////////////////////////////////

II-69 The next entry is the Mission Code. Read the instructions for Field 7, including Attachment 1, on Page 3-58.

The information in Field 7 is mandatory for additional (A) data, optional for changed (C) data, and not required for deleted (D) data. The mission of the asset can be obtained from site personnel. Once it has been identified, select the proper code from Attachment 1.

Our tower is assigned to the Direct Communications Link (DCL). Enter the proper code in Field 7.

A	K
---	---

52 53
(Mission
Code)

When you looked the DCL up in Attachment 1, you should have found the code AK and entered it in Field 7. This entry was required, since we are entering the data for the first time.

////////////////////////////////////

II-70 The structure number is our next item. Read the instructions for Field 8 and the note on the bottom of Page 3-55.

The structure number must be reported only for additional (A) structure data. The structure number for structures and antenna/structure combinations must be the same thing you entered in Field 5 (serial number). USACC Supplement 2 to AR 750-1 gives guidance on the assignment of structure numbers. .

The structure number of our tower is 5. Make the proper entry on your worksheet.

										5
54	55	56	57	58	59	60	61	62	63	
(Structure Number)									Start here	

Since our tower data is added (A), the structure number is required. It must agree with the serial number reported in Field 5.

//////////

II-71 The Antenna Equipment Code requires judgment on your part. Read the instructions for Field 9 and Note 1 at the bottom of Page 3-55.

The code must be entered for added (A) data. It is optional for change (C) data, and not required to delete (D) data. Enter an A for antenna data, an S for structures, or a B for antenna/structure combinations.

Enter the proper antenna equipment code for our tower on your worksheet.



64
(Antenna
Equipment
Code)

As you found, the S code is required, because we are entering our tower data for the first time and it is a structure.

////////////////////////////////////

II-72 Field 10 is blank, so we'll ignore it and press on to Field 11.
Read the instructions in your manual.

This is the easy part. New or added data gets an A. Changes
to data already in the data base get a C, and data to be deleted
gets a D.

Enter the proper code for our tower on your worksheet.

A

73
(Action
Code)

Because our tower data is added, it rates an A code. Remember,
this field must be filled in so that LOGMIS knows what to do
with your data.

////////////////////////////////////

II-73 This concludes our look at the L30. Once you fill in the date-time group on the worksheet, it is ready to submit.

Remember, the L30 is used to add, change, or delete data for each fixed-station antenna, structure, or antenna/structure combination. All items MUST be identified on an L21 BEFORE you can submit an L30. Be sure to use the structure number for the serial number when submitting an L30 for a structure. USACC Supplement 2 to AR 750-1 provides information about assigning structure numbers.

////////////////////////////////////

II-74 The next step in your reporting of antenna maintenance data is the submission of an L31. To find out more about this, read Page 3-59 in your manual.

The L31 provides USACC with new or changed data concerning fixed-station antennas and their associated transmission lines. In order to submit an L31, two things must already have happened:

- The antenna data must be present in the data base, submitted on an L21
- Supplemental antenna data must be present in the data base, submitted on an L30

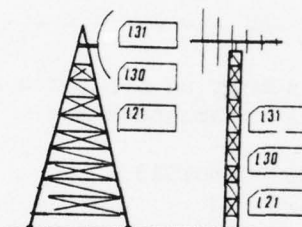


Figure II-3.

The cumulative order of these events is shown in Figure II-3. Information on the L31 is entered on the worksheet and submitted in the normal way, as described earlier.

True or False:

You must submit an L21 and L30 before you can submit your L31.

True. This is important, since the information must already be present before the L31 can be used to add supplementary data.

////////////////////////////////////

II-75 Now we will get into the L31 itself. Get a blank L31 worksheet. Then read the instruction for Fields 1, 2, 3, 4, and 5, found on Page 3-61 of manual.

Fields 1, 2, and 3 are the DIC, UIC, and site data you've filled in all along. Field 4 is the NSN or MCN of the antenna. This must match the NSN or MCN you have already submitted on your L21 and L30. Field 4 is left-justified and mandatory.

In Field 5, you must report the serial number of the antenna. Once again, the entry must match the serial number submitted on the L21 and L30. The serial number is right-justified, and leading zeros are not allowed.

You are going to submit an L31 for a newly added parabolic antenna. The vital statistics are:

NSN/MCN: 000000J001013

Serial number: 209

Make the proper entries on your worksheet.

Here's what you should have. This data can be obtained from the Property Book Officer or site personnel.

Ø	Ø	Ø	Ø	Ø	Ø	J	Ø	Ø	1	Ø	1	3
14	15	16	17	18	19	20	21	22	23	24	25	26
Start here						(NSN/MCN)						

							2	Ø	9
27	28	29	30	31	32	33	34	35	36
(Serial Number)							Start here		

////////////////////

II-76 The next entries concern some physical characteristics of the antenna. Read the instructions for Fields 6 and 7 in your manual and Note 2 at the bottom of Page 3-61.

Field 5 identifies the capability of the antenna. Codes are used to show receive only (R), transmit only (T), or transmit and receive (B).

The size of the antenna, in feet, is entered in Field 7. Enter the diameter for parabolic antennas, the length for long wire antennas, the boom length for RLP antennas, or the height for discone antennas. Dipole antenna reporting requires the total length of both legs; billboard antenna reporting requires the height and width (e.g., 10 x 10).

Your parabolic antenna is 4 feet in diameter and is receive only. Make the proper entries on your worksheet.

R							4
37	38	39	40	41	42	43	44
(R/T Code)	(Antenna Size)						Start here

As you can see, the proper R/T Code is R, and the size to be reported is 4. These two fields are mandatory only for added (A) information. Information changes (C) do not require entries in Fields 6 and 7.

////////////////////////////////////

II-77 The next item is the type of antenna being reported. Read the instructions for Field 8 on Page 3-61 and Attachment 1 on Page 3-64.

The antenna type reported must be selected from the codes found in Attachment 1. This entry is mandatory for added (A) data and optional on L31's submitted to change data already present.

Enter the proper antenna code for our parabolic antenna on your worksheet.

P	A	R
45	46	47

(Antenna Code)

This is the proper entry for Field 8. It is mandatory, since it is added (A) data.

//////////

.....

.....

Diagram illustrating a transmission line with a waveguide section. The line is divided into segments numbered 48 to 66. Segment 48 is labeled "Start here". Segment 49 is labeled "Transmission Line Length". Segment 50 is labeled "Waveguide". Segment 51 is labeled "Start here". The waveguide section consists of segments 52 to 66, which contain the text "WAVEGUIDE WR187".

	1	X	2	I	N
67	68	69	70	71	72

Transmission Line Description
(continued)

[illegible]

II-79 The final field we will examine is Field 11. Read the instructions for this important field in your manual.

Field 11 does a number of things for you. It identifies the L31 data as added (A) or changed (C) data. If Field 11 shows "C", entries in Fields 6 through 10 are optional; however, all cannot be blank. An entry in Field 11 is mandatory.

Make the proper entry in Field 11 for our antenna on your worksheet.

A

73

(Action
Code)

The "A" entry in Field 11 indicates that this is added data. This requires the entries we made in Fields 6 through 10. Once you have entered the date-time group information in Fields 12, 13, and 14, you are ready to submit your L31.

////////////////////////////////////

II-80 The L33 is used for both antenna structure and fixed-antenna/structure information reporting. Read the information on the L33, found on Page 3-65 of your manual.

The L33 is used, in part, to supply the same type of technical data for fixed-station structures as the L31 supplied for their antennas. In addition, the L33 supplies condition data for structures that keeps HQ USACC informed and in a position to budget maintenance funding the most efficient way. The L33 can also be used to change data already in the data base.

Before an L33 can be submitted, structure data must have already been submitted, using an L21 and L30, as shown in Figure II-4.

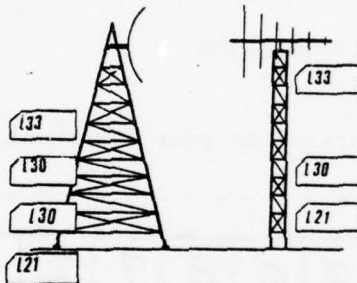


Figure II-4.

True or False:

An L33 can be used to change fixed-station antenna structure condition data. _____

True. The L33, when properly coded, is used to add or change data in the LOGMIS data base.

////////////////////////////////////

I-81 The first area of the L33 we will deal with, aside from the DIC, UIC, and site data in Fields 1, 2, and 3, is the structure identification. Get a blank worksheet and read the instructions for Fields 4 and 5 on Page 3-67 of your manual.

The NSN/MCN, entered in Field 4, should agree with the one submitted on the L21 and L30. Field 5 contains the serial number of the structure. Once again, this information must agree with what you submitted on the L21 and L30 or it will be rejected.

We are reporting additional data for a tower with the following information (from the L21 and L30, of course):

NSN/MCN: 5815008921096

Serial number: 128

Make the proper entries on your worksheet.

5	8	1	5	Ø	Ø	8	9	2	1	Ø	9	6
14	15	16	17	18	19	20	21	22	23	24	25	26
Start here				(NSN/MCN)								

								1	2	8
27	28	29	30	31	32	33	34	35	36	
(Serial Number)								Start here		

As you can see above, the NSN/MCN is left-justified, and the serial number is right-justified. Remember, these are mandatory entries.

////////////////////////////////////

II-82 Field 6 gives the height of the structure. Read the instructions for Field 6 in your manual.

The important thing to remember is that you want the height of the structure - not the mountain, building or whatever else it's sitting on. Enter the height to the nearest foot. This is mandatory for added (A) data.

The height of our tower is 75 feet. Make the required entry on your worksheet.

	7	5
--	---	---

37 38 39

(Height)

(in feet)

↑ Start here

This is a simple field to enter. Remember to right-justify, and don't bother with leading zeros.

////////////////////////////////////

II-83 The next area on the L33 addresses the "history" of the structure. Read the instructions for Fields 7 and 8 in your manual.

Fields 7 and 8 are mandatory for added (A) data. Field 7 can show either the date of the last inspection or highlight the fact that an inspection was not performed.

Field 8 can show either the due date for painting or condition of the paint on the structure. Specific codes are found in the instructions.

Our structure has not been inspected, and the paint is in moderately bad shape. Make the proper entries on your worksheet.

Ø	Ø	Ø	Ø	Ø	8	8	8	8	8
40	41	42	43	44	45	46	47	48	49
(Date Last Inspected)					(Paint Due Date)				

As you can see, the zeros indicate no inspection, and the 8's indicate the paint condition. If dates are available, they should be filled in (year/Julian date).

////////////////////

II-84 The next two fields give the status of "appliances" on the structure. Read the instructions for Fields 9 and 10.

Fields 9 and 10 are optional for change (C) data and mandatory for added (A) data. Required codes are given in the instructions. Check with maintenance for the required information.

On our structure, obstruction lights are installed and the installation of safety devices will occur soon. Make the required entries on your worksheet.

P

50
Safety
Device

Y

51
Obs.
Lights

Because the safety devices will be installed (programmed status), the "P" code applies. Of course, the answer to the obstruction lights question is "Yes", so the "Y" code applies.

////////////////////////////////////

II-85 The information in Fields 11 through 17 get down to the basics about the structure itself. Read the instructions for those fields on Pages 3-67 and 3-68 of your manual, as well as in Attachments 1, 2, and 3 on Pages 3-72, 3-73, and 3-74.

The entries in these fields are mandatory for new or added (A) information and optional for changed (C) information. When filling in these fields, BE SURE to check with the maintenance personnel for up-to-date status.

Our structure is metal with 17 guy wires and should be inspected every three years. Advanced corrosion has occurred to the structure, with some corrosion of the guy wires. The concrete base has minor cracks and chips. Make the proper entries on your worksheet.

M	3	3	1	7	3	3	C
52	53	54	55	56	57	58	59
Type	Insp.	Structure	Number of		Guy Wire	Base Det.	Type of
Structure	Interval	Det. Code	Guy Wires		Det. Code	Code	Base Code
			Start here				

The structure is metal, so, after checking the instructions, "M" goes in Field 11. The 3-year inspection interval goes in Field 12. After checking Attachment 1, you find the code for advanced corrosion is 3 and drop it into Field 13. The number of guys goes into Field 14 (Remember to right-justify!). After checking out Attachment 2, you find the proper guy wire deterioration code is 3 and enter it in Field 15. The base deterioration code 3 comes from Attachment 3 and goes into Field 16. And, finally, the code (C) for the concrete base is found in the instructions and goes into Field 17. That's how it works. Remember, check with Antenna Maintenance before you fill in the codes.

II-86 The final field we will examine is for the action code. Read the instructions for Field 19.

The action code will show either of two data types: added (A) or change (C). "A" data requires that all fields except Field 18 (it's blank) be filled in. Remember, data must be recorded in LOGMIS before it can be changed. This means the FIRST L33 you submit on a structure will be "A" data and all others after that may be "C" data.

We are submitting our L33 to add the data to the system. Enter the proper code in Field 19.

A

73

(Action
Code)

In this case, the proper entry is "A". All you need to do is fill in Fields 20, 21, and 22, and you're ready to submit.

//////////

II-87 The final input we will examine is the L34, "Provision of Optional Data on Antenna Structure". Read the Purpose and Instructions on Page 3-75 of your manual.

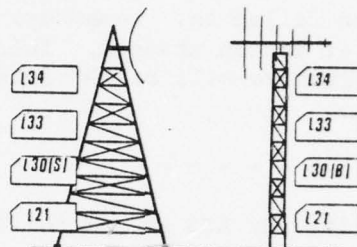


Figure II-5.

The L34 is used to submit additional information about an antenna structure or to change what has been previously submitted for the structure. As Figure II-5 shows, the L34 can be submitted only after specific identifying data for the structure has been processed into the LOGMIS data base. The data gets there by submission of L21, L30, and L33 transactions for the structure. The L34 is used at your option and gives LOGMIS any data needed to round out a complete description of the structure.

True or False:

The L34 contains free-text information about a structure.

True. Remember, you must have structure information in the data base before you submit your L34. Also, keep in mind that the use of the L34 is optional; you can submit a narrative message to do the job.

////////////////////////////////////

II-88 Let's get into the L34 itself. Get a blank L34 worksheet, then turn to Page 3-77 in your manual and read the instructions for Fields 1, 2, 3, 4, and 5.

Fields 1, 2, and 3 contain our DIC, UIC, and site data. This appears on each input transaction you submit. Fields 4 and 5 contain specific identifying data for the structure.

The NSN/MCN you enter in Field 4 must match the one you have used on the L21, L30, and L33. If it does not, your input will be rejected. As usual, Field 4 is left-justified.

The serial number of the structure is entered in Field 5. This field is also mandatory and identifies the specific structure. The structure number must agree with what is already in the data base.

We are going to provide additional information for one of our towers. The NSN is 5815008921096, and the serial number is 128. Make the proper entries on your worksheet.

5	8	1	5	0	0	8	9	2	1	0	9	6
14	15	16	17	18	19	20	21	22	23	24	25	26
Start here				(NSN/MCN)								

							1	2	8
27	28	29	30	31	32	33	34	35	36
(Serial Number)							Start here		

The proper entries are shown here. Notice that no leading zeros are used in Field 5.

////////////////////////////////////

II-89 Once the structure has been identified, you can submit the additional data for it. Read the instructions for Field 6 in your manual.

Field 6 contains the information on the structure. This field is filled in to add or change information or is left blank to delete information.

The information we want to add about the structure is that access to it is controlled, and prior clearance is required. Make the required entry on your worksheet.

C	O	N	T	R	O	L	L	E	D		A
37	38	39	40	41	42	43	44	45	46	47	48

Start here (Free Text)

C	C	E	S	S		-		C	L	E	A
49	50	51	52	53	54	55	56	57	58	59	60

(Free Text)

R	A	N	C	E		R	E	Q	D		
61	62	63	64	65	66	67	68	69	70	71	72

(Free Text)

Your entry should look something like this. Keep it brief, but explain the situation fully. Don't abbreviate unless it's necessary to make the message fit. Remember, Field 6 is left-justified.

////////////////////////////////////

II-90 The final item to be explained is the action code. Read the instructions for Field 7 in your manual.

Field 7 identifies how the information on the L34 will be used. Codes are given for added data (A), changed data (C), or to delete data that has been entered before (D). Field 6 (Text) must be filled in for codes A and C.

We are adding the data on the L34. Make the proper entry on your worksheet.

A

73

(Action
Code)

This is what you should have entered. The presence of the A code means that the text in Field 6 will be added to the data present for Structure 128 in the LOGMIS data base and will stay there until it is changed (L34) or deleted (L34 with Action Code "D").

After you have filled in your date-time group information in Fields 8, 9, and 10, your L34 is ready to submit.

////////////////////////////////////

II-91 We have now examined your fixed-station antenna and structure inputs to LOGMIS. These input transactions are the means by which data about these assets is entered in the LOGMIS data base.

The L21 is the basic data entry transaction. It MUST be submitted and be accepted before you can submit any more information about your assets.

Once the L21 information is processed, you can report data for each fixed-station antenna, using (in order of submission) an L30 and L31. The data for the structure is reported using an L30, L33, and L34. Fixed-antenna/structure combinations having a single NSN are reported using an L30 (Antenna Equipment Code B), L31, L33, L34.

Remember, the same NSN and serial number used for the L21 must also be used when you report antennas, structures, and antenna/structure combinations or your transactions will reject. Also, be sure to verify your information with the people "in the know" -- the site personnel and antenna maintenance personnel - before you submit your transactions.

////////////////////////////////////

II-92 Up to this point, we have centered our description of your actions around what you must do to enter data into LOGMIS. The rest of this text will examine the ways in which LOGMIS can help you.

You can request a vast amount of information from the LOGMIS data base, using four different worksheets. The answers to these requests will be covered in another text. We will now cover the first of these requests - the L99, "Request for NSN/MCN/ACVC of an Equipment." Turn to Page 3-87 in your manual, and read the "Purpose" and "General Instructions".

Your equipment is identified to LOGMIS, in part, by its NSN, MCN, or ACVC. This information is found in the Equipment Master File (EMF), which is updated every month. A copy of the EMF, in microfiche form, is sent to each unit in USACC quarterly.

The EMF is your source for NSN/MCN/ACVC information when you want to enter data for new equipment or to update data. There may be times when you cannot find the information you need in the EMF. Does this mean you cannot submit transactions for the equipment in question? The answer is no, but in order to get the information that you need, you must submit an L99.

The L99 will alert HQ USACC to your need for NSN/MCN/ACVC information. The response to your L-99 is an L90, which contains the required information.

True or False:

You can submit an L21 for new equipment if you do not include the NSN. _____

False. This will cause a rejection of the L21. You should submit an L99 for the asset. When you get the L90 with the NSN, use the information to submit your L21.

////////////////////////////////////

II-93 The L99 is not hard to fill out. Get a blank L99 worksheet, then turn to Page 3-91 in your manual and read the instructions for Fields 1, 2, 3, and 4.

As usual, you begin the worksheet by filling in the DIC and your UIC and site. This takes care of Fields 1, 2, and 3.

The next step is to enter the FSCM for your asset in Field 4. Check the equipment name plate for the manufacturer, then get the FSCM from SB 708-41 or Handbook H4-1. The FSCM must always appear in Field 4.

In this exercise, we are trying to determine the NSN for a Hewlett-Packard oscillator test set. The FSCM, from SB 708-41, is 04404. Make the required entry on your worksheet.

Here's what you should have:

Ø	4	4	Ø	4
14	15	16	17	18
(FSCM)				

Remember, the FSCM must appear on every L99 you submit. If you cannot identify an FSCM or cannot adequately describe an item with an L99, send a narrative message with all available identifying information to HQ USACC.

II-94 Next, we will examine the way you provide HQ USACC with the information we have gotten from site personnel. Read the instructions for Field 5 and 6 in your manual.

Field 5 may contain any of the following:

- Army part number
- Manufacturer's part number
- Nothing

If a part number is entered in Field 5, the number is left-justified. Don't forget to omit any slashes (/) and dashes (-) in the part number. Field 5 may also be left blank.

Field 6 contains either the NSN/MCN/ACVC or the model number of the asset. The model number is entered in place of the NSN/MCN/ACVC if you are trying to find out the NSN/MCN/ACVC.

One thing to watch - you must have an entry in Field 5 or Field 6. They both cannot be blank.

All you have on the oscillator test set is the model number: 651B. Make the proper entry on your worksheet.

19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Start here			(Army or Mfr. Part Number)											

6	5	1	B											
34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Start here				(Model Number or NSN/MCN/ACVC)										

As you can see, you need to enter all the information you can get. In this case, we entered the model number in Field 6. Remember, there must be an entry in at least one of these fields.

////////////////////////////////////

II-95 Next, we supply a description of the item. Read the instructions for Fields 7 and 8 in your manual.

Fields 7 and 8 are mandatory. Enter the unit cost in Field 7, if you know it. If you don't know the unit cost, enter your estimate of what it would be, compared with a similar unit.

Now, enter the nomenclature of the asset in Field 8. You can get this from the Unit Property Book or Stock Record Account or from the equipment itself.

You have estimated that the oscillator test set costs \$5,000. Make the required entries on your worksheet.

This is what you should have:

		5	0	0	0
49	50	51	52	53	54
(Equipment Cost)			Start here		

T	E	S	T		S	E	T		O	S	C	I
55	56	57	58	59	60	61	62	63	64	65	66	67
(Descriptive Nomenclature)												

L	L	A	T	O	R							
68	69	70	71	72	73	74	75	76	77	78	79	
(Descriptive Nomenclature)												

Remember that Field 7 is right-justified, and that entries must be made in both Field 7 and Field 8.

Be sure to make the description as meaningful as possible. Don't abbreviate to such a degree that the nomenclature can't be recognized.

////////////////////////////////////

II-96 The last piece of equipment information on the L99 is found in Field 9. Read the instructions for it in your manual.

Field 9 is easy. If you entered an NSN/MCN/ACVC up in Field 6, enter an "X" in Field 9. If you did anything else in Field 6, leave Field 9 blank.

You entered the model number in Field 6. Perform the necessary action for Field 9 on your worksheet.



80

(NSN/MCN/ACVC Indicator)

As you can see here, Field 9 is left blank, because there was no NSN, MCN, or ACVC in Field 6. This field tells HQ USACC what you put in Field 6.

Once you transfer the information onto an 80-column card and submit it, you should expect an L90 in reply with all the information you need. Note that there is NO date-time group on the L99 transaction. This is the only transaction that can make this claim. Just fill out the worksheet and you can't go wrong.

////////////////////////////////////

II-97 The next inquiry we will examine is very valuable to you because of the wide range of information you can request. Turn to Page 4-5 in your manual and read the "Purpose", "General Instructions", and "Special Instructions" paragraphs.

The L91 is used to request asset data from the LOGMIS data base. The reply will be sent on an "as-requested" basis. Information can be requested by UIC/site, NSN, LIN, ACC-RIC, User Field 1, or User Field 2.

Remember that the L91 reply will not be sent directly to a site. If you are at a site, have your parent UIC send the report on to you. You can also arrange to have HQ USACC mail a hard-copy report directly to you. In either case, set up the arrangements before you submit the L91.

True or False:

L91 output reports will be returned to any submitting site.

False. Sites that submit an L91 directly will not receive the report. Arrangements should be made with the parent UIC or directly with HQ USACC so that the report will get back to the requesting site.

////////////////////////////////////

II-98 The L91 is not complicated to fill in. Get a blank L91 worksheet, then turn to Page 4-7 in your manual and read the instructions for Fields 1, 2, and 3.

Fields 1 and 2 give the DIC and UIC. Note that there is NO field for a site. This is why you should use your parent UIC as a requestor if you, as a site, submit directly to LOGMIS.

The first field in the "meat" of the worksheet is Field 3. If you followed the instructions, you have seen the list of what information you can request, using each code in the attachment. Codes are present for total assets or specific types of assets at UIC and site level. Just select the code that identifies what you need and insert it in Field 3.

Let's say you wanted to know how many assets of LIN X39432 were at site 12 of UIC W19EAA. Enter the proper inquiry code on your worksheet.

As you can see, Code 11 in Field 3 requests all assets of a LIN reported to LOGMIS by UIC. The LIN and site will be specified later.

/	/
---	---

10 11
(Inquiry
Code)

////////////////////////////////////

II-99 Now we are ready for some format work. Read the instructions for Field 4 in your manual (Page 4-7), and then open your manual to Page 4-11.

The sequence code tells LOGMIS how you want the output data listed. You will notice that the box on Page 4-11 is divided into three sections. The left section lists the sequence codes you can choose.

The next section gives the sequence in which the information will be given. Examples are UIC, then sites under the UIC for Code 02, or strictly by NSN for Code 26.

The next section gives the inquiry codes that can be used with each sequence code. For example, Inquiry Code 06 can be used with Sequence Codes 02, 26, and 36.

We want to have the output data arranged in UIC and site order on the report. Select the correct sequence code and enter it on your worksheet.

Ø	2
12	13
(Sequence Code)	

In this case, you would select Sequence Code 02. Notice that as you travel to the right on the "02" line in Attachment 1, Inquiry Code 11 appears in the "LIN/Site" column as a legal code.

////////////////////////////////////

II-100 The next field specifies a particular NSN/MCN/ACVC. Read the instructions for Field 5 on Page 4-7 of your manual.

Notice that the NSN/MCN/ACVC is entered only with Inquiry Codes 6 or 7. These codes just happen to be requests for NSN data at a site or UIC. If these inquiry codes are used, Field 5 will identify the specific NSN for which LOGMIS will supply data.

None of the other inquiry codes request NSN data and so do not require an NSN to be entered in Field 5.

Circle the correct answer:

In our example, we are asking for LIN information about a specific site. Would an entry be required, due to Inquiry Code 11, in Field 5? Yes / No

No. The only time Field 5 is filled is when you request NSN asset information. All other inquiries require that Field 5 be left blank.

//////////

II-101 The next group of fields addresses the location of assets.
Read the instructions for Fields 7 and 8 in your manual. Field
6 is blank, so we'll skip it.

An entry in Field 7 is mandatory for all L91's submitted. This is because UIC identification must be provided. Obviously, your UIC must be provided. Your UIC will normally be entered here, because you are concerned about your assets. However, if you are trying to find out if some recently transferred assets have been picked up by another UIC at your echelon or below and are using an L91 to find out what is in the LOGMIS data base, another UIC may be entered in Field 7.

The site will appear in Field 8 if asset information at the site-level has been requested. The inquiry codes that request site-level data are listed in the "Presence" column. If site-level data is not requested, only Field 8 is left blank.

In our example, we want information about Site 12 of UIC W19EAA. The inquiry code was 11. Make the proper entries on your worksheet.

37	38	39	40	41	42	43	44	45	46
*	1	9	E	A	A	X	X	1	2
(Subject UIC)						(Subject Site)			

Because the inquiry code requested site-level data, both the UIC and site in question are entered. If you happen to be at Site 12, you must coordinate with the UIC so that you can get the output report that the L91 will generate. Remember that these reports are sent to the UIC in Field 2, not the one in Field 7.

////////////////////////////////////

II-102 The next field identifies the LIN. Read the instructions for Field 9 in your manual.

Field 9 identifies the specific LIN data to be retrieved from the data base. Once again, the only time the LIN is needed here is when the inquiry codes requesting LIN data (11 or 12) are used. This field is left blank for all other situations.

In our example, we want data (Inquiry Code 11) for LIN X39432. Make the proper entry on your worksheet.

X	3	9	4	3	2
47	48	49	50	51	52

(LIN)

In this case, Inquiry Code 11 requested LIN data, so now we supply the LIN we are looking for. Remember, this is only needed with Inquiry Codes 11 or 12.

////////////////////////////////////

II-103 Field 11 continues to supply LOGMIS with the data about which we are requesting information. Read the instructions for Field 11 in your manual. Field 10 is blank and we'll skip it.

When we are asking for information by ACC-RIC, using Inquiry Codes 16 or 17, we must complete Field 11. The proper codes are supplied in Attachment 3, which you should have looked over (really read the instructions). Once again, enter the ACC-RIC Code only if you are requesting ACC-RIC information - if not, leave it blank.

Circle the correct answer:

In our example, we used Inquiry Code 11. Is an entry required in Field 11? Yes / No

No. Had we used Inquiry Code 16 or 17, we would fill in the proper ACC-RIC code from Attachment 3. Since we were asking for information by LIN, the ACC-RIC code is not required, so we leave Field 11 blank.

////////////////////////////////////

II-104 To finish up the information-identifying fields on the L91, read the instructions for Fields 12 and 13 in your manual. Field 14 is blank, so we'll skip it.

Fields 12 and 13 supply the specific User Field 1 and User Field 2 information you require. Inquiry Codes 21 and 22 ask for User Field 1 information, and Inquiry Codes 26 and 27 request User Field 2 information. Once again, if you are not asking for User Field 1 or 2 information, leave the fields blank. Specifics for these fields will be supplied by your higher headquarters.

In our example, we used Inquiry Code 11. Enter the necessary information in Field 12 or 13 of your worksheet.

67	68	69
(User Field 1)		
Start here		

70	71	72
(User Field 2)		
Start here		

As you see here, Field 12 and 13 are left blank, because the inquiry code we used did not request User Field 1 or 2 information.

////////////////////////////////////

II-105 We have now completed our look at the L91. Once you enter your date-time group information in Fields 15, 16, and 17, you are ready to submit. Remember, the L91 can be used to get the following kinds of information about assets at a UIC or Site:

- Total assets
- Assets by:
 - NSN
 - LIN
 - ACC-RIC
 - User Field 1
 - User Field 2

The type of information is specified by the inquiry code, and the order it will be listed on the resulting report is specified by the sequence codes. The particular NSN, LIN, ACC-RIC, User Field 1, or User Field 2 that you want to see reported is entered in the proper field on the L91.

////////////////////////////////////

II-106 A transaction you can use to help out your site personnel and maintenance personnel will now be discussed. Let's say that your UIC is involved in a DAMWO. L29's have come down and you have notified the proper equipment holders at your sites. A delay in getting parts kits at some of your sites requires you to submit a few L61's, to notify management of the problem. So now you want to know how big the problem really is. How do you find out?

A fast and easy way is with the L92. Read the "Purpose" and "General Instructions" paragraphs on Page 4-13 of your manual to find out more.

The L92 is used to request a list of units that have not gotten beyond a certain completion percentage of any given Modification Work Order (MWO). The one proviso - you can request completion status for only the units below you. To you, this means you can only request UIC level status.

True or False:

A UIC can request only UIC-level status. _____

True. You cannot receive the status of any higher level of reporting. However, you can get the status of any other subordinate UIC and so find out how those UIC's are doing with their MWO's.

//////////

II-107 The L92 is not hard to fill out. Get a blank L92 worksheet and read the instructions for Fields 1, 2, and 3 on Page 4-15 in your manual.

Two things should be noted here. First, a specific site is not identified as the requestor. If you are at a site and want to submit an L92, forget it, because the resulting report lists only UIC data.

Second, the only code you can use in Field 3 is 07, which requests UIC-level data. In order to save you the trouble, this code is pre-entered in Field 3.

True or False:

You can use an inquiry code other than 07 on an L92.

False. 07 is the only code you should use at the UIC level, because the resulting report will give UIC-level data.

////////////////////////////////////

II-108 We'll skip the blanks in Field 4 and consider the specifics of Our request. Read the instructions for Fields 5, 6, 7, and 8 in your manual.

Field 5 identifies the UIC in which you are interested. This could be your own UIC, to get your own data, or another UIC below your echelon, to get completion data from subordinate UIC's.

Field 6 is blank, so we'll skip it, too. Field 7 supplies the number of the MWO for which you want completion data. Left-justify the whole MWO number and leave any remaining blocks blank if the MWO number does not fill the field.

Field 8 contains the percent completion factor. Here is where You show what percentage you want as the cutoff on the report. If a UIC is below this figure, it will show up on the resulting report.

You want to know how many units within UIC WHKX99 have not gotten to 50% completion on MWO number 11-7450-205-15-3. Make the proper entries in Fields 5 through 8 on your worksheet.

Here is what you should have:

W	H	K	X	9	9
37	38	39	40	41	42

(Subject UIC)

43	44	45	46

(Leave blank)

1	1	-	7	4	5	0	-	2	0	5	-	1	5	-	3		
47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64

Start here (Modification Number)

	5	0
65	66	67

(Percent Factor)
Start here

68	69	70	71	72	73

(Leave blank)

II-108 (continued)

The UIC you want goes into Field 5. The MWO number goes in Field 7 (Field 6 is blank and crossed out). Be sure to enter the modification number exactly as it appears in the data base. And your cutoff - 50% - goes in Field 8.

Now, enter your date-time group on the bottom of the worksheet and it's ready to go. As you have seen, the L92 is really "quick and easy" and is a real help to you and your maintenance and site personnel.

////////////////////////////////////

II-109 The final inquiry we will examine is the L93, which is a multiple-use inquiry. Read Page 4-19 in your manual.

You can use the L93 to request two types of information: antenna structure information or fixed-station antenna system data. The source for this data is the information that you have submitted on your L21, L30, L33, and L34 input transactions.

You should note that you can only request fixed-station antenna or structure information with an individual L93. If you want both types of information, it will take two L93's to get it.

True or False:

You can obtain all antenna and structure data for your site using only one L93. _____

False. To get all the data, you will need to submit one L93 for the fixed-station antenna data and another L93 for the structure data.

//////////

II-110 Now, let's get into the form itself. Get a blank L93 worksheet and read the instructions for Fields 1, 2, and 3 on Page 4-21 in your manual.

Fields 1, 2, and 3 contain the identifying data which tells LOGMIS who is sending the L93. This is where the report generated by the L93 is sent. You enter your UIC and site codes in these fields, as usual.

No action required. Continue to the next frame.

////////////////////////////////////

II-111 Now, we will specify the type of information we want. Read the instructions for Field 4 in your manual.

Field 4 may contain one of two things: "A" to get antenna data, or "S" to get structure data. This sounds a lot like the L30, and is, in fact, similar. But - you cannot enter "B" to get both types of data! If you try, the L93 will be rejected.

We want to obtain antenna structure information for one of our sites. Enter the proper code in Field 4 of your worksheet.



14
Type of
Report

As you can see, "S" is the proper entry to get this data. Remember, to get fixed-station antenna and structure data, you will need to submit two L93's, one "S" and one "A".

////////////////////////////////////

II-112 Field 5 is blank, so we'll skip it and move on to Fields 6 and 7. Read the instructions for these fields in your manual.

You must enter the UIC and site about which you want the data in Fields 6 and 7. For a specific site, enter the site code in Field 7, right-justified. Do not cross out Blocks 43 and 44, or you may forget and punch "X" in these columns on the card and so create an edit error that will cause the L93 to reject.

To get data on all sites within a UIC, enter "ALL" in Field 7, left-justified. Once again, DO NOT put an "X" in Block 46.

You want structure data for all sites of UIC W19EAA. Make the correct entries in Fields 6 and 7 on your worksheet.

W	1	9	E	A	A	A	L	L	
37	38	39	40	41	42	43	44	45	46
(Subject UIC)						(Subject Site)			

As you can see, you enter the UIC in Field 6 and "ALL" (left-justified) in Field 7. For data on only site 12, you would enter "12" (right-justified) in Field 7 and leave Blocks 43 and 44 blank.

////////////////////////////////////

II-113 Your L93 is now ready for you to enter the date-time group in Fields 9, 10, and 11. When this is done, you may submit your L93 and get the information you need.

Remember, the L93 is used to request fixed-station antenna structure data or antenna data. This data can be for a specific site within a UIC or for all sites within a UIC, depending on the site code you enter in Field 7.

No response required.

////////////////////////////////////

II-114 We have now examined each inquiry you can submit to use the LOGMIS data base to help you in your job.

You have seen the L99 used to request the NSN, MCN, or ACVC for equipment not yet included in the EMF, or for equipment that does not have an NSN/MCN/ACVC.

The L91 is used to request a listing of assets at a site or UIC. The L91 can cause the creation of a listing of total assets or a listing by a specific NSN, LIN, ACC-RIC, User Field 1, or User Field 2. This listing is not sent directly to a site, and specific procedures for sites to obtain the report from their UIC or from HQ USACC were pointed out.

The L92 is used to obtain a report of MWO completion, by UIC, below a desired percentage. Remember, this information is available to you.

Finally, the L93 is used to obtain fixed-station antenna or antenna structure data for a specific UIC or site.

////////////////////////////////////

II-115 You have now examined all input and inquiry transactions that you can submit to LOGMIS. If any requirements you have cannot be resolved using these transactions, get with your Subcommand LOGMIS Coordinator. If you still have a unique requirement, send a narrative message to HQ USACC. (Specific procedures are given in Section I of this text and in Chapter 6 of your manual.)

You now possess all the information necessary to enter transactions into LOGMIS. If you are curious, you can get more information from the appendixes, found at the back of your User's Manual.

You are now ready to take the test for Section II. Good luck!

////////////////////////////////////

II-115 You have now examined all input and inquiry transactions that you can submit to LOGMIS. If any requirements you have cannot be resolved using these transactions, get with your Subcommand LOGMIS Coordinator. If you still have a unique requirement, send a narrative message to HQ USACC. (Specific procedures are given in Section I of this text and in Chapter 6 of your manual.)

You now possess all the information necessary to enter transactions into LOGMIS. If you are curious, you can get more information from the appendixes, found at the back of your User's Manual.

You are now ready to take the test for Section II. Good luck!

////////////////////////////////////

TEST BOOKLET
FOR
LOGMIS USER INPUT
PROGRAMMED TEXT
(SECTION II)

Prepared for
USACC
under Contract DAEA18-77-C-0184

ARINC Research Corporation
a Subsidiary of Aeronautical Radio, Inc.
2551 Riva Road
Annapolis, Maryland 21401

LOGMIS USER INPUT TEXT
REVIEW QUESTIONS

INSTRUCTIONS

This package is designed to determine your understanding of the transactions explained in the LOGMIS Manual (Vol. I). You will be given all the information necessary to fill out the enclosed LOGMIS worksheets. YOU MAY USE YOUR LOGMIS USER'S MANUAL TO FILL OUT THE REQUIRED WORKSHEETS.

After you have filled out the worksheets, have them checked against the answers provided. Re-read the part of the programmed text and manual that apply to data fields that you filled out incorrectly.

You may now begin. Good luck!

L21 INFORMATION

You are Site 02 of UIC WI7HAA.

You have just received one new movie projector (NSN:6730006639813, serial number 1813). The projector has been entered in the TDA unit property book and is authorized by TAADS TDA/MTDA. The projector is Government owned and operated and is not a COMSEC item. This projector has NOT been previously reported to LOGMIS. It brings the total number of projectors at your site to three. You are submitting you L21 on 21 March 1978 at 1600.

LOGMIS WORKSHEET L21
REPORT OF ON-HAND EQUIPMENT ASSETS

Prepared by:

Date:

L	2	1
---	---	---

1 2 3
(DIC)

W					
---	--	--	--	--	--

4 5 6 7 8 9
(UIC)

X	X		
---	---	--	--

10 11 12 13
(Site)

--	--	--	--

14 15 16 17
Start here

--	--

18 19
(NSN/MCN/ACVC)

--	--	--

20 21 22

--	--	--	--

23 24 25 26

--	--	--	--	--	--	--	--	--	--

27 28 29 30 31 32 33 34 35 36
(Serial Number) Start here

--	--	--	--

37 38 39 40
(Quantity) Start here

--

41
(TPA)

--

42
(TA)

--

43
Ownership

--	--	--	--	--	--

44 45 46 47 48 49
(COMSEC Account Number)

--	--	--	--	--	--

50 51 52 53 54 55
(Authorized LIN)

--	--

56 57
(Year of Manufacture)

--	--	--

58 59 60
Start here (User Field 1)

--	--	--

61 62 63
Start here (User Field 2)

--	--	--	--	--

64 65 66 67 68
(PSCH)

X	X	X	X	X
---	---	---	---	---

69 70 71 72 73
(Leave blank)

--	--

74 75
(Year)

--	--	--

76 77 78
(Day)

--	--

79 80
(Hour)

L22 INFORMATION

You are at Site 02 of UIC WHKTAA.

You have recently sent an amplifier test set, NSN 5815001984300, serial number 235, to the Property Disposal Office (PDO). You are submitting the L22 to report this fact at 1300 on 1 April 1978.

LOGMIS WORKSHEET L22
REPORT OF EQUIPMENT DECREASE

Prepared by:

Date:

L	2	2
---	---	---

1 2 3
(DIC)

w					
---	--	--	--	--	--

4 5 6 7 8 9
(UIC)

X	X		
---	---	--	--

10 11 12 13
(Site)

--	--	--	--

14 15 16 17
Start here

--	--

18 19
(NSN/MCN/ACVC)

--	--	--

--	--	--	--

20 21 22 23 24 25 26

--	--	--	--	--	--	--	--	--	--

27 28 29 30 31 32 33 34 35 36
(Serial Number) Start here

--	--	--	--

37 38 39 40
(Quantity) Start here

--

41
(TPA)

--

42
(TA)

--

43
Ownership

X	X	X	X	X	X	X	X	X	X
---	---	---	---	---	---	---	---	---	---

44 45 46 47 48 49
(Leave blank)

X	X	X	X	X	X	X	X
---	---	---	---	---	---	---	---

50 51 52 53 54 55
(Leave blank)

X	X	X
---	---	---

56 57
(Leave blank)

X	X	X	X
---	---	---	---

58 59 60
(Leave blank)

X	X	X	X
---	---	---	---

61 62 63
(Leave blank)

X	X	X	X	X	X	X	X
---	---	---	---	---	---	---	---

64 65 66 67 68
(Leave blank)

X	X	X	X	X	X	X	X
---	---	---	---	---	---	---	---

69 70 71 72 73
(Leave blank)

--	--

74 75
(Year)

--	--	--

76 77 78
(Day)

--	--

79 80
(Hour)

L23 INFORMATION

You are Site 04 of UIC WHKTAA.

Site 02 of UIC WHKTAA has been borrowing your multimeter so often that it will be transferred to Site 02 permanently and you need to report the transfer to LOGMIS.

Your latest LOGMIS Monthly Asset Report shows the following information:

- NSN: 665005530142
- Serial Number: 236

There is no duplication of serial number at Site 02. You are submitting the L23 on 1 July 1978 at 1400.

LOGMIS WORKSHEET L23
REPORT OF EQUIPMENT TRANSFER

Prepared by:

Date:

L	2	3
---	---	---

1 2 3
(DIC)

W					
---	--	--	--	--	--

4 5 6 7 8 9
(UIC) (Losing)

--	--	--	--

10 11 12 13
(Site) (Losing)

--	--	--	--

14 15 16 17
Start here

--	--

18 19
(NSN/MCN/ACVC)

--	--	--

20 21 22

--	--	--	--

23 24 25 26

--	--	--	--	--	--	--	--	--	--

27 28 29 30 31 32 33 34 35 36
(Serial Number) Start here

--	--	--	--

37 38 39 40
(Quantity) Start here

--

41
(TPA)

--

42
(TA)

--

43
Ownership

W					
---	--	--	--	--	--

44 45 46 47 48 49
(UIC) (Gaining)

--	--	--	--

50 51 52 53
(Site) (Gaining)

--	--	--	--

54 55 56 57
(Leave blank)

--	--	--

58 59 60
(Leave blank)

--	--	--

61 62 63
(Leave blank)

--	--	--	--	--

64 65 66 67 68
(Leave blank)

--	--	--	--	--

69 70 71 72 73
(Leave blank)

--	--

74 75
(Year)

--	--	--

76 77 78
(Day)

--	--

79 80
(Hour)

L27 INFORMATION

You are Site 02 of UIC WHKT99.

You have discovered that the Monthly Asset Report shows an incorrect COMSEC account number for your electronic key generator (NSN:5810008639816, serial number 7085, quantity 1).

The correct COMSEC account number is 5EK301. You are submitting your L27 to correct this error in the records on 26 July 1978 at 1300.

LOGMIS WORKSHEET L27
CORRECTION OF PREVIOUSLY ENTERED DATA

Prepared by:

Date:

L	2	7
1	2	3

(DIC)

W					
4	5	6	7	8	9

(UIC)

X	X		
10	11	12	13

(Site)

14	15	16	17

Start here

18	19

20	21	22

(NSN/MCN/ACVC)

23	24	25	26

27	28	29	30	31	32	33	34	35	36

(Serial Number)

Start here

37	38	39	40

(Quantity)

Start here

41

(Old
TPA)

42

(Old
TA)

43

(Old
Ownership)

44	45	46	47	48	49

(COMSEC Account Number)

50	51	52	53	54	55

(Authorized LIN)

56	57

(Year of
Manufacture)

58	59	60

Start here (User Field 1)

61	62	63

Start here (User Field 2)

64	65	66	67	68

(FSCM)

69

(New
TPA)

70

(New
TA)

71

(New
Owner-
ship)

X	X
72	73

74	75

(Year)

76	77	78

(Day)

79	80

(Hour)

L29 INFORMATION

You have received an L29, notifying you of a modification to your coupler test sets. Maintenance has informed you that the mod has been completed.

Submit your L29 on 10 October 1978 at 0900.

LOGMIS WORKSHEET L29
NOTICE OF EQUIPMENT MODIFICATION

Prepared by:

Date:

1	2	3	4	5	6	7	8	9	10	11	12	13
(DTC)			(UIC)						(Site)			

14	15	16	17	18	19	20	21	22	23	24	25	26
Start here			(NSN/MCN)									

27	28	29	30	31	32	33	34	35	36
(Serial Number)					Start here				

37	38	39	40	41	42	43	44	45	46
(TPA)	(TA)	(Owner ship)	(Blank)	(MWO Expiration Date)					

47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
(MWO Number)																	

65	66
(Priority)	(Cat. Maint.)

67	68	69	70	71	72	73
(Action)	(Message No. to Ref.)					

74	75
(Year)	

76	77	78
(Day)		

79	80
(Hour)	

ANTENNA MODULE INFORMATION

You are Site 01 of UIC WCFQAA.

A new fixed ATC control tower has just been completed at your site. For the purposes of this exam, the tower contains only one UHF antenna. The L21 transactions required for the tower and antenna have already been submitted and have been processed into the LOGMIS data base.

You have obtained the information found on the following page. Using this information, enter the necessary data for the tower and antenna on the LOGMIS worksheets provided.

Specific transaction submission times are given on the following page.

ANTENNA MODULE TOWER AND
ANTENNA INFORMATION

NSN: (TOWER) 5445001681577
(ANTENNA) 5985004978554

ANTENNA SERIAL NUMBER: 251

STRUCTURE NUMBER: 51

MODEL NUMBER: (ANTENNA) DC-105-66R
(TOWER) 855-9603

ANTENNA TRANSMITS AND RECEIVES

ANTENNA SIZE: Maximum diameter of 2 feet

TRANSMIT LINE: 30 feet of RG-8/U Coaxial cable

TOWER HEIGHT: 60 feet

DATE OF LAST INSPECTION: 15 January 1978

DUE TO BE PAINTED: 30 June 1978

INSPECTION INTERVAL: Once each year (annually)

TOWER: The tower is a metal structure on a concrete base. It has no guy wires. During the last inspection, which was performed after installation, the tower had no corrosion and the base was in good shape. Safety devices and obstruction lights are installed.

ADDITIONAL INFORMATION FOR USACC: Do not paint conduits.

SUBMISSION TIMES: L30's: 1300, 28 July 1978
L31: 1300, 10 August 1978
L33: 1300, 20 August 1978
L34: 1300, 30 August 1978

LOGMIS WORKSHEET L30
PROVISION OF SUPPLEMENTAL DATA FOR ANTENNAS AND
ANTENNA STRUCTURES

Prepared by:

Date:

L	3	ø
1	2	3

(DIC)

W							
4	5	6	7	8	9		

(UIC)

X	X		
10	11	12	13

(Site)

14	15	16	17	18	19	20	21	22	23	24	25	26	

Start here (NSN/MCN)

27	28	29	30	31	32	33	34	35	36	

(Serial Number) Start here

37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	

Start here (JETDS/Model Number)

52	53

(Mission Code)

54	55	56	57	58	59	60	61	62	63		

(Structure Number) Start here

64

(Antenna Equipment Code)

X	X	X	X	X	X	X	X	X	X	X
65	66	67	68	69	70	71	72			

(Leave blank)

73

(Action Code)

74	75

(Year)

76	77	78

(Day)

79	80

(Hour)

LOGMIS WORKSHEET L30
PROVISION OF SUPPLEMENTAL DATA FOR ANTENNAS AND
ANTENNA STRUCTURES

Prepared by:

Date:

L	3	ø
---	---	---

1 2 3
(DIC)

W							
---	--	--	--	--	--	--	--

4 5 6 7 8 9
(UIC)

X	X		
---	---	--	--

10 11 12 13
(Site)

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

14 15 16 17 18 19 20 21 22 23 24 25 26
Start here (NSN/MCN)

--	--	--	--	--	--	--	--	--	--	--

27 28 29 30 31 32 33 34 35 36
(Serial Number) Start here

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

37 38 39 40 41 42 43 44 45 46 47 48 49 50 51
Start here (JETDS/Model Number)

--	--

52 53
(Mission
Code)

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

54 55 56 57 58 59 60 61 62 63
(Structure Number) Start here

--

64
(Antenna
Equipment
Code)

X	X	X	X	X	X	X	X	X	X	X	X
---	---	---	---	---	---	---	---	---	---	---	---

65 66 67 68 69 70 71 72
(Leave blank)

--

73
(Action
Code)

--	--

74 75
(Year)

--	--	--

76 77 78
(Day)

--	--

79 80
(Hour)

LOGMIS WORKSHEET L31
PROVISION OF ADDITIONAL SUPPLEMENTARY DATA FOR
ANTENNAS AND THEIR ASSOCIATED TRANSMISSION LINES

Prepared by:

Date:

L	3	1
1	2	3

(DIC)

W							
4	5	6	7	8	9		

(UIC)

X	X		
10	11	12	13

(Site)

14	15	16	17	18	19	20	21	22	23	24	25	26			

Start here (NSN/MCN)

27	28	29	30	31	32	33	34	35	36	

(Serial Number) Start here

37	38	39	40	41	42	43	44

(R/T Code) (Antenna Size) Start here

45	46	47	48	49	50	51	

(Antenna Code) (Transmission Line Length) Start here

52	53	54	55	56	57	58	59	60	61	62	63	64	65	66		

Start here (Transmission Line Description)

67	68	69	70	71	72

Transmission Line Description
(continued)

73

(Action Code)

74	75

(Year)

76	77	78

(Day)

79	80

(Hour)

LOGMIS WORKSHEET L33
PROVISION OF TECHNICAL DATA AND CONDITION DATA
ON ANTENNA STRUCTURES

Prepared by:

Date:

L	3	3
1	2	3

(DIC)

W					
4	5	6	7	8	9

(UIC)

X	X		
10	11	12	13

(Site)

14	15	16	17	18	19	20	21	22	23	24	25	26

Start here (NSN/MCN)

27	28	29	30	31	32	33	34	35	36

(Serial Number) Start here

37	38	39

(Height)
(in feet)

40	41	42	43	44

(Date Last Inspected)

45	46	47	48	49

(Paint Due Date)

--

50
Safety
Device

--

51
Obs.
Lights

--

52
Type
Structure

--

53
Insp.
Interval

--

54
Structure
Det. Code

--	--

55 56
Number of
Guy Wires

--

57
Guy Wire
Det. Code

--

58
Base Det.
Code

--

59
Type of
Base Code

X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
60	61	62	63	64	65	66	67	68	69	70	71	72							

(Leave blank)

--

73
(Action
Code)

--	--

74 75
(Year)

--	--	--

76 77 78
(Day)

--	--

79 80
(Hour)

LOGMIS WORKSHEET L34
PROVISION OF OPTIONAL DATA ON ANTENNA STRUCTURE

Prepared by:

Date:

L	3	4
1	2	3

(DIC)

W					
4	5	6	7	8	9

(UIC)

10	11	12	13

(Site)

14	15	16	17	18	19	20	21	22	23	24	25	26

Start here (NSN/MCN)

27	28	29	30	31	32	33	34	35	36

(Serial Number) Start here

37	38	39	40	41	42	43	44	45	46	47	48

Start here (Free Text)

49	50	51	52	53	54	55	56	57	58	59	60

(Free Text)

61	62	63	64	65	66	67	68	69	70	71	72

(Free Text)

--

73
(Action Code)

--	--

74 75
(Year)

--	--	--

76 77 78
(Day)

--	--

79 80
(Hour)

L61 INFORMATION

You are Site 05 of UIC WCFQAA.

You have received an L29 (Notice of Equipment Modification) that directed you to install an adapter kit on your signal generator. The equipment modification number is 11-7459-106-27-5.

You have waited for a month and the kit still has not arrived. The estimated delivery date is 20 September 1978. You are submitting the L61 on 6 June 1978, at 1500.

LOGMIS WORKSHEET L61
REPORT OF REASON FOR DELAY IN APPLYING AN
EQUIPMENT MODIFICATION

Prepared by:

Date:

L	6	1
1	2	3
(DIC)		

W							
4	5	6	7	8	9		
(UIC)							

X	X	Ø	Ø
10	11	12	13
(Site)			

14	15	16	17	18	19	20	21	22	23	24	
(Reason for Delay)											

25	26	27	28	29	30	31	32	33	34	35	
(Reason for Delay)											

36	37	38	39	40	41	42	43	44	45	46	
(Reason for Delay)											

47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Start here (Equipment Modification Number)																	

X	X	X	X	X	X	X	X	X	X	X	X	X
65	66	67	68	69	70	71	72	73				
(Leave blank)												

74	75
(Year)	

76	77	78
(Day)		

79	80
(Hour)	

L91 INFORMATION

You are Site 02 of UIC WCFQAA.

You have just completed a mass transfer of equipment from Site 05 of UIC W15EAA. You now want to find out which assets the LOGMIS data base shows as being at your site.

You are submitting your inquiry at 0800 on 3 August 1978.

ASSET INQUIRY

Date:

W					
4	5	6	7	8	9

(Requesting UIC)



12	13
(Sequence Code)	

14	15	16	17	18	19	20	21	22	23	24	25	26
Start here				(NSN/MCN/ACVC)								

27 28 29 30 31 32 33 34 35 36
(Leave blank)

W					
37	38	39	40	41	42

(Subject UIC)

			
43	44	45	46

(Subject Site)

47	48	49	50	51	52

(LIN)

53 54 55 56 57 58 59 60 61 62 63 64 65
(Leave blank)

66
(ACC-RIC)

67	68	69
(User Field 1)		

70	71	72
(User Field 2)		

74	75
(Year)	

76	77	78

(Day)

79	80
(Hour)	

L92 INFORMATION

You are UIC WCMHAA.

You need to know how many of your sites have not yet reached an 80% completion rate for MWO 11-7459-106-27-5. There are too many pieces of equipment to make contacting your individual sites practical.

You are submitting your L92 on 1 September 1978, at 1300.

LOGMIS WORKSHEET L92
MODIFICATION COMPLETION INQUIRY

Prepared by:

Date: _____

L	9	2
1	2	3

(DIC)

W					
4	5	6	7	8	9

(Requesting UIC)

8	7
10	11
(Inquiry Code)	

12 13 14 15 16 17 18 19 20 21 22 23 24 25
(Leave blank)

26 27 28 29 30 31 32 33 34 35 36
(Leave blank)

W					
37	38	39	40	41	42

(Subject UIC)

43	44	45	46

(Leave blank)

47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64			
Start here			(Modification Number)																	

65	66	67
(Percent Factor)		
Start here		

68 69 70 71 72 73
(Leave blank)

74	75
(Year)	

76	77	78

(Day)

79	80
----	----

(Hour)

AD-A070 116

ARINC RESEARCH CORP ANNAPOLIS MD
LOGMIS PROGRAMMED TEXTS, TESTS AND ANSWERS.(U)
APR 79

F/G 15/5

UNCLASSIFIED

1340-02-2-1909

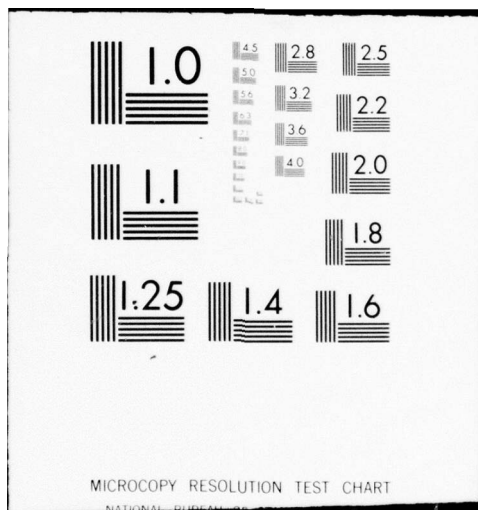
DAEA18-77-C-0184
NL

3 OF 3
AD
A070116



END
DATE
FILMED
7-79
DDC

END
DATE
FILMED
7-79
DDC



Prepared by:

L	9	2
1	2	3

(DIC)

W					
4	5	6	7	8	9

(Requesting UIC)

8	7
10	11

(Inquiry Code)

(Leave blank)

[illegible]

W					
37	38	39	40	41	42

(Subject UIC)

43 44 45 46
(Leave blank)

[illegible]

--	--	--

65 66 67

(Percent Factor)

Start here

68 69 70 71 72 73
(Leave blank)

74	75
(Year)	

76	77	78

(Day)

79	80
(Hour)	

L93 INFORMATION

You are Site 07 of UIC WJWCAA.

You have been away on TDY. Upon your return, you have found that the contractors have arrived, modified three of your structures, erected a new antenna and tower, and left.

You have decided to submit L93's to find out what is in the data base before you submit more information. The L93's are being submitted at 1600 on 14 July 1978.

LOGMIS WORKSHEET L93
ANTENNA INQUIRY

Prepared by:



Date:

L	9	3
1	2	3

(DIC)

W					
4	5	6	7	8	9

(Requesting UIC)

			
10	11	12	13

(Requesting Site)

☐

14
Type of
Report

15 16 17 18 19 20 21 22 23 24 25
(Leave blank)

26 27 28 29 30 31 32 33 34 35 36
(Leave blank)

W					
37	38	39	40	41	42

(Subject UIC)

43	44	45	46

(Subject Site)

													
47	48	49	50	51	52	53	54	55	56	57	58	59	60
(Leave blank)													

61 62 63 64 65 66 67 68 69 70 71 72 73
(Leave blank)



74	75
(Year)	

76	77	78

(Day)

79	80
(Hour)	

Date:

			
10	11	12	13

(Requesting Site)

14
Type of
Report

15 16 17 18 19 20 21 22 23 24 25
(Leave blank)

(Leave blank)

W					
37	38	39	40	41	42

(Subject UIC)

43	44	45	46

(Subject Site)

47 48 49 50 51 52 53 54 55 56 57 58 59 60
(Leave blank)

61 62 63 64 65 66 67 68 69 70 71 72 73
(Leave blank)

74	75
(Year)	

76	77	78

(Day)

79	80
(Hour)	

L99 INFORMATION

You are Site 03 of UIC WCFQAA.

You have recently received a new digital voltmeter. This item does not appear on the current EMF, and you need an NSN to get up to snuff.

You know the voltmeter is worth \$350. The part number is H93-8626, and the FSCM is 56286.

Submit your L99 to obtain the NSN of this item.

LOGMIS WORKSHEET L99
REQUEST FOR NSN/MCN/ACVC OF AN EQUIPMENT

Prepared by:

Date:

L	9	9
1	2	3
(DIC)		

W					
4	5	6	7	8	9
(UIC)					

X		X			
10	11	12	13		
(Site)					

14	15	16	17	18
(FSCM)				

19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Start here	(Army or Mfr. Part Number)													

34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Start here	(Model Number or NSN/MCN/ACVC)													

49	50	51	52	53	54
(Equipment Cost)					

Start here

55	56	57	58	59	60	61	62	63	64	65	66	67	
(Descriptive Nomenclature)													

68	69	70	71	72	73	74	75	76	77	78	79
(Descriptive Nomenclature)											

80
(NSN/MCN/ACVC Indicator)

NOTE

You have now finished the test for Section II of the programmed text. Once you have completed your worksheets and are sure of your answers, have your worksheets checked.

DO NOT BEGIN SECTION III UNTIL YOU HAVE PASSED THIS TEST!!

ANSWER BOOKLET
FOR
LOGMIS USER INPUT
PROGRAMMED TEXT
(SECTION II)

Prepared for
USACC
under Contract DAEA18-77-C-0184

ARINC Research Corporation
a Subsidiary of Aeronautical Radio, Inc.
2551 Riva Road
Annapolis, Maryland 21401

NOTE

This booklet contains the answers to the Section II test. These answers take the form of correctly completed worksheets. The worksheets are arranged in the same order as those presented in the test booklet.

Student answers should match those found on the worksheets in this booklet. However, fields containing "Free Text" data need not match exactly. It is essential that these fields contain the required information shown in this booklet.

If any worksheet is incorrectly completed, the student should re-read the applicable section of both the manual and programmed text for that transaction.

Students may not begin work on the next programmed text until this test has been properly completed.

ANSWER TO L21 PROBLEM

LOGMIS WORKSHEET L21 REPORT OF ON-HAND EQUIPMENT ASSETS

Prepared by:

Date:

L	2	1
---	---	---

1 2 3
(DIC)

W	1	7	H	A	A
---	---	---	---	---	---

4 5 6 7 8 9
(UIC)

X	X	X	Ø	2
--------------	--------------	--------------	---	---

10 11 12 13
(Site)

6	7	3	Ø
---	---	---	---

14 15 16 17
Start here

Ø	Ø
---	---

18 19
(NSN/MCN/ACVC)

6	6	3
---	---	---

20 21 22

9	8	1	3
---	---	---	---

23 24 25 26

						1	8	1	3
--	--	--	--	--	--	---	---	---	---

27 28 29 30 31 32 33 34 35 36
(Serial Number)

Start here

			1
--	--	--	---

37 38 39 40
(Quantity)
Start here

C

41
(TPA)

2

42
(TA)

G

43
Ownership

					X
--	--	--	--	--	---

44 45 46 47 48 49
(COMSEC Account Number)

--	--	--	--	--	--

50 51 52 53 54 55
(Authorized LIN)

--	--

56 57
(Year of
Manufacture)

--	--	--

58 59 60
Start here (User Field 1)

--	--	--

61 62 63
Start here (User Field 2)

--	--	--	--	--

64 65 66 67 68
(FSCM)

X	X	X	X	X	X
--------------	--------------	--------------	--------------	--------------	--------------

69 70 71 72 73
(Leave blank)

7	8
---	---

74 75
(Year)

Ø	8	Ø
---	---	---

76 77 78
(Day)

1	6
---	---

79 80
(Hour)

ANSWER TO L22 PROBLEM

LOGMIS WORKSHEET L22 REPORT OF EQUIPMENT DECREASE

Prepared by:

Date:

L	2	2	v	H	K	T	A	A	X	X	Ø	2
1	2	3	4	5	6	7	8	9	10	11	12	13
(DIC)			(UIC)						(Site)			

5	8	1	5	Ø	Ø	1	9	8	4	3	Ø	Ø
14	15	16	17	18	19	20	21	22	23	24	25	26
Start here				(NSN/MCN/ACVC)								

								2	3	5				1
27	28	29	30	31	32	33	34	35	36	37	38	39	40	
(Serial Number)								Start here		(Quantity)				
										Start here				

			X					
41	42	43	44	45	46	47	48	49
(TPA)	(TA)	Ownership	(Leave blank)					

X						X	
50	51	52	53	54	55	56	57
(Leave blank)						(Leave blank)	

X			X		
58	59	60	61	62	63
(Leave blank)			(Leave blank)		

X					X				
64	65	66	67	68	69	70	71	72	73
(Leave blank)					(Leave blank)				

7	8	Ø	9	1	1	3
74	75	76	77	78	79	80
(Year)		(Day)			(Hour)	

ANSWER TO L23 PROBLEM

LOGMIS WORKSHEET L23
REPORT OF EQUIPMENT TRANSFER

Prepared by:

Date:

L	2	3	W	H	K	T	A	A	X	X	X	Ø	4
1	2	3	4	5	6	7	8	9	10	11	12	13	
(DIC)			(UIC) (Losing)						(Site) (Losing)				

6	6	2	5	Ø	Ø	5	5	3	Ø	1	4	2
14	15	16	17	18	19	20	21	22	23	24	25	26
Start here				(NSN/MCN/ACVC)								

								2	3	6					1
27	28	29	30	31	32	33	34	35	36		37	38	39	40	
(Serial Number)								Start here		(Quantity)					
										Start here					

			W	H	K	T	A	A
41	42	43	44	45	46	47	48	49
(TPA)	(TA)	Ownership	(UIC) (Gaining)					

X	X	Ø	2
50	51	52	53
(Site) (Gaining)			

X	X	X	X
54	55	56	57
(Leave blank)			

X	X	X
58	59	60
(Leave blank)		

X	X	X
61	62	63
(Leave blank)		

X	X	X	X	X
64	65	66	67	68
(Leave blank)				

X	X	X	X	X
69	70	71	72	73
(Leave blank)				

7	8
74	75
(Year)	

1	8	2
76	77	78
(Day)		

1	4
79	80
(Hour)	

ANSWER TO L27 PROBLEM

LOGMIS WORKSHEET L27 CORRECTION OF PREVIOUSLY ENTERED DATA

Prepared by:

Date:

L	2	7
1	2	3

(DIC)

W	H	K	T	9	9
4	5	6	7	8	9

(UIC)

X	X	Ø	2
10	11	12	13

(Site)

5	8	1	Ø	Ø	Ø	8	6	3	9	8	1	6
14	15	16	17	18	19	20	21	22	23	24	25	26

Start here (NSN/MCN/ACVC)

						7	Ø	8	5				1
27	28	29	30	31	32	33	34	35	36	37	38	39	40

(Serial Number) Start here (Quantity) Start here

			5	E	K	3	Ø	1
41	42	43	44	45	46	47	48	49

(Old TPA) (Old TA) (Old Ownership) (COMSEC Account Number)

50	51	52	53	54	55

(Authorized LIN)

56	57

(Year of Manufacture)

58	59	60

Start here (User Field 1)

61	62	63

Start here (User Field 2)

64	65	66	67	68

(FSCM)

69

(New TPA)

70

(New TA)

71

(New Ownership)

X	X
72	73

7	8
74	75

(Year)

2	Ø	7
76	77	78

(Day)

1	3
79	80

(Hour)

ANSWER TO L29 PROBLEM

LOGMIS WORKSHEET L29 NOTICE OF EQUIPMENT MODIFICATION

Prepared by:

Date:

1	2	3	4	5	6	7	8	9	10	11	12	13
(UIC)			(UIC)						(Site)			

14	15	16	17	18	19	20	21	22	23	24	25	26
Start here			(NSN/MCN)									

28	29	30	31	32	33	34	35	36
(Serial Number)					Start here			

37	38	39	40	41	42	43	44	45	46
(TPA)	(TA)	(Owner ship)	(Blank)	(MWO Expiration Date)					

47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
(MWO Number)																	

65	66
(Priority)	(Cat. Maint.)

PREPUNCHED						
A						
67	68	69	70	71	72	73
(Action)	(Message No. to Ref.)					

7	8
74	75
(Year)	

2	8	2
76	77	78
(Day)		

0	9
79	80
(Hour)	

ANSWER TO ANTENNA MODULE L30 PROBLEM (ANTENNA)

LOGMIS WORKSHEET L30
PROVISION OF SUPPLEMENTAL DATA FOR ANTENNAS AND
ANTENNA STRUCTURES

Prepared by:

Date:

L	3	ø
1	2	3

(DIC)

W	C	F	Q	A	A
4	5	6	7	8	9

(UIC)

X	X	ø	1
10	11	12	13

(Site)

5	9	8	5	ø	ø	4	9	7	8	5	5	4
14	15	16	17	18	19	20	21	22	23	24	25	26

Start here (NSN/MCN)

								2	5	1
27	28	29	30	31	32	33	34	35	36	

(Serial Number) Start here

D	C	-	1	ø	5	-	6	6	R					
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51

Start here (JETDS/Model Number)

B	B
52	53

(Mission Code)

									5	1
54	55	56	57	58	59	60	61	62	63	

(Structure Number) Start here

A
64

(Antenna Equipment Code)

X	X	X	X	X	X	X	X	X	X	X	X
65	66	67	68	69	70	71	72				

(Leave blank)

A
73

(Action Code)

7	8
74	75

(Year)

2	ø	9
76	77	78

(Day)

1	3
79	80

(Hour)

ANSWER TO ANTENNA MODULE L31 PROBLEM

LOGMIS WORKSHEET L31
PROVISION OF ADDITIONAL SUPPLEMENTARY DATA FOR
ANTENNAS AND THEIR ASSOCIATED TRANSMISSION LINES

Prepared by:

Date:

L	3	1
1	2	3

(DIC)

W	C	F	Q	A	A
4	5	6	7	8	9

(UIC)

X	X	X	Ø	1
10	11	12	13	

(Site)

5	9	8	5	Ø	Ø	4	9	7	8	5	5	4
14	15	16	17	18	19	20	21	22	23	24	25	26

Start here (NSN/MCN)

								2	5	1
27	28	29	30	31	32	33	34	35	36	

(Serial Number) Start here

B							2
37	38	39	40	41	42	43	44

(R/T Code) (Antenna Size) Start here

O	T	H			3	Ø
45	46	47	48	49	50	51

(Antenna Code) (Transmission Line Length) Start here

R	G	-	8	/	4		C	O	A	X				
52	53	54	55	56	57	58	59	60	61	62	63	64	65	66

Start here (Transmission Line Description)

67	68	69	70	71	72

Transmission Line Description
(continued)

A
73

(Action Code)

7	8
74	75

(Year)

2	2	2
76	77	78

(Day)

1	3
79	80

(Hour)

ANSWER TO ANTENNA MODULE L30 PROBLEM (TOWER)

LOGMIS WORKSHEET L30
PROVISION OF SUPPLEMENTAL DATA FOR ANTENNAS AND
ANTENNA STRUCTURES

Prepared by:

Date:

L	3	Ø	W	C	F	Q	A	A	X	X	Ø	1
1	2	3	4	5	6	7	8	9	10	11	12	13
(DIC)			(UIC)						(Site)			

5	4	4	5	Ø	Ø	1	6	8	1	5	7	7
14	15	16	17	18	19	20	21	22	23	24	25	26
Start here			(NSN/MCN)									

								5	1
27	28	29	30	31	32	33	34	35	36
(Serial Number)								Start here	

8	5	5	-	9	6	Ø	3							
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
Start here			(JETDS/Model Number)											

B	B									5	1	
52	53	54	55	56	57	58	59	60	61	62	63	
(Mission Code)		(Structure Number)									Start here	

S	X	X	X	X	X	X	X	X	X	X	X
64	65	66	67	68	69	70	71	72	(Leave blank)		
(Antenna Equipment Code)											

A	7	8	2	Ø	9	1	3
73	74	75	76	77	78	79	80
(Action Code)	(Year)		(Day)			(Hour)	

ANSWER TO ANTENNA MODULE L33 PROBLEM

LOGMIS WORKSHEET L33
PROVISION OF TECHNICAL DATA AND CONDITION DATA
ON ANTENNA STRUCTURES

Prepared by:

Date:

L	3	3
1	2	3

(DIC)

W	C	F	Q	A	A
4	5	6	7	8	9

(UIC)

X	X	Ø	1
10	11	12	13

(Site)

5	4	4	5	Ø	Ø	1	6	8	1	5	7	7
14	15	16	17	18	19	20	21	22	23	24	25	26

Start here (NSN/MCN)

								5	1
27	28	29	30	31	32	33	34	35	36

(Serial Number) Start here

	6	Ø	7	8	Ø	1	5	7	8	1	8	1
37	38	39	40	41	42	43	44	45	46	47	48	49

(Height) (Date Last Inspected) (Paint Due Date)
(in feet) Start here

I	Y	M	1	1
50	51	52	53	54

Safety Obs. Type Insp. Structure
Device Lights Structure Interval Det. Code

Ø	Ø	1	2	C
55	56	57	58	59

Number of Guy Wires Guy Wire Det. Code Base Det. Code Type of Base Code
Start here

X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
60	61	62	63	64	65	66	67	68	69	70	71	72							

(Leave blank)

A	7	8	2	3	2	1	3
73	74	75	76	77	78	79	80

(Action Code) (Year) (Day) (Hour)

ANSWER TO ANTENNA MODULE L34 PROBLEM

LOGMIS WORKSHEET L34 PROVISION OF OPTIONAL DATA ON ANTENNA STRUCTURE

Prepared by:

Date:

L	3	4
---	---	---

1 2 3
(DIC)

W	C	F	Q	A	A
---	---	---	---	---	---

4 5 6 7 8 9
(UIC)

X	X	Ø	1
--------------	--------------	---	---

10 11 12 13
(Site)

5	4	4	5	Ø	Ø	1	6	8	1	5	7	7
---	---	---	---	---	---	---	---	---	---	---	---	---

14 15 16 17 18 19 20 21 22 23 24 25 26
Start here (NSN/MCN)

								5	1
--	--	--	--	--	--	--	--	---	---

27 28 29 30 31 32 33 34 35 36
(Serial Number) Start here

D	O		N	O	T		P	A	I	N	T
---	---	--	---	---	---	--	---	---	---	---	---

37 38 39 40 41 42 43 44 45 46 47 48
Start here (Free Text)

C	O	N	D	U	I	T	S				
---	---	---	---	---	---	---	---	--	--	--	--

49 50 51 52 53 54 55 56 57 58 59 60
(Free Text)

--	--	--	--	--	--	--	--	--	--	--	--

61 62 63 64 65 66 67 68 69 70 71 72
(Free Text)

A

73
(Action Code)

7	8
---	---

74 75
(Year)

2	4	2
---	---	---

76 77 78
(Day)

1	3
---	---

79 80
(hour)

ANSWER TO L61 PROBLEM

LOGMIS WORKSHEET L61 REPORT OF REASON FOR DELAY IN APPLYING AN EQUIPMENT MODIFICATION

Prepared by:

Date:

L	6	1
1	2	3

(DIC)

W	C	F	Q	A	A
4	5	6	7	8	9

(UIC)

		Ø	Ø
10	11	12	13

(Site)

K	I	T		O	N		O	R	D	E
14	15	16	17	18	19	20	21	22	23	24

(Reason for Delay)

R	,		E	S	T		D	E	L	I
25	26	27	28	29	30	31	32	33	34	35

(Reason for Delay)

V	E	R	Y		8	2	6	3		
36	37	38	39	40	41	42	43	44	45	46

(Reason for Delay)

1	1	-	7	4	5	9	-	1	Ø	6	-	2	7	-	5		
47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64

Start here (Equipment Modification Number)

65	66	67	68	69	70	71	72	73

(Leave blank)

7	8
74	75

(Year)

1	5	7
76	77	78

(Day)

1	5
79	80

(Hour)

LOGMIS WORKSHEET L91
ASSET INQUIRY

Date:

W	C	F	Q	A	A
4	5	6	7	8	9





(Requesting UIC)

\emptyset	2
12	13

(Sequence Code)

14	15	16	17	18	19	20	21	22	23	24	25	26
Start here			(NSN/MCN/ACVC)									

27 28 29 30 31 32 33 34 35 36
(Leave blank)

			
43	44	45	46

(Subject Site)

47	48	49	50	51	52

(LIN)

53 54 55 56 57 58 59 60 61 62 63 64 65
(Leave blank)

67	68	69
(User Field 1)		

70	71	72
(User Field 2)		

73
(Leave
blank

2	1	5
76	77	78

(Day)

79	80
(Hour)	

LOGMIS WORKSHEET L92
MODIFICATION COMPLETION INQUIRY

Date:

2
(DIC)

5 6 7 8
(Requesting UIC)

10	11
(Inquiry	
Code)	

12 13 14 15 16 17 18 19 20 21 22 23 24 25
(Leave blank)

26 27 28 29 30 31 32 33 34 35 36
(Leave blank)

39 40
(Subject UIC)

44 45
(Leave blank)

47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64
Start here (Modification Number)

65 66 67
(Percent Factor)
Start here

68 69 70 71 72 73
(Leave blank)

74	75
(Year)	

76 77 78
(Day)

79 80
(Hour)

ANSWER TO L93 PROBLEM (STRUCTURE)

LOGMIS WORKSHEET L93
ANTENNA INQUIRY

Prepared by:





Date:

L	9	3
1	2	3

(DIC)

W	J	W	C	A	A
4	5	6	7	8	9

(Requesting UIC)

			
10	11	12	13

(Requesting Site)

S

14
Type of
Report

(Leave blank)

W	J	W	C	A	A
37	38	39	40	41	42

(Subject UIC)

		Ø	7
43	44	45	46

(Subject Site)

47 48 49 50 51 52 53 54 55 56 57 58 59 60
(Leave blank)

61 62 63 64 65 66 67 68 69 70 71 72 73
(Leave blank)

7	8
74	75
(Year)	




1	9	5
76	77	78

(Day)

1	6
79	80
(Four)	

LOGMIS WORKSHEET L93
ANTENNA INQUIRY

Date:

			7
10	11	12	13

(Requesting Site)

1	6
79	80
(Hour)	

ANSWER TO L99 PROBLEM

LOGMIS WORKSHEET L99
REQUEST FOR NSN/MCN/ACVC OF AN EQUIPMENT

Prepared by:

Date:

L	9	9
---	---	---

1 2 3
(DIC)

W	C	F	Q	A	A
---	---	---	---	---	---

4 5 6 7 8 9
(UIC)

X	X	Ø	3
---	---	---	---

10 11 12 13
(Site)

5	6	2	8	6
---	---	---	---	---

14 15 16 17 18
(FSCM)

H	9	3	-	8	6	2	6							
---	---	---	---	---	---	---	---	--	--	--	--	--	--	--

19 20 21 22 23 24 25 26 27 28 29 30 31 32 33
Start here (Army or Mfr. Part Number)

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
Start here (Model Number or NSN/MCN/ACVC)

			3	5	Ø
--	--	--	---	---	---

49 50 51 52 53 54
(Equipment Cost) Start here

V	O	L	T	M	E	T	E	R		D	I	G
---	---	---	---	---	---	---	---	---	--	---	---	---

55 56 57 58 59 60 61 62 63 64 65 66 67
(Descriptive Nomenclature)

I	T	A	L							
---	---	---	---	--	--	--	--	--	--	--

68 69 70 71 72 73 74 75 76 77 78 79
(Descriptive Nomenclature)

--

80

(NSN/MCN/ACVC Indicator)

LOGMIS
PROGRAMMED TEXT
SECTION III
LOGMIS OUTPUT REPORTS

Prepared for
USACC
under Contract DAEA18-77-C-0184

ARINC Research Corporation
a Subsidiary of Aeronautical Radio, Inc.
2551 Riva Road
Annapolis, Maryland 21401

INTRODUCTION

This programmed text is one of a series of three that will help you learn about LOGMIS and how to use the system to make your job easier. This introduction will tell you about this programmed text and the others in the series.

This programmed text is written in a way that will allow you to build on what you know. To get you started, the text will always tell you what you will know, or be able to do, once you have completed the text. It's a good idea to read and understand those objectives before you begin working on the text itself.

The main part of the text is made up of pieces of information called "frames". Each frame represents an important idea that will help you to attain an objective. The frames will usually tell you to read a small part of the LOGMIS User's Manual and then highlight the important ideas in what you have read. After that, it asks you a question about the information in the frame. You may use your manual to answer the question and then check your answer against the one given. If your answer was incorrect, do the whole frame over again until you understand the material. Each part of the frame is separated by a dashed line (- - - - -). Each frame is separated from the next by a line of slashes (/ / / / /).

To finish this programmed test, you will need the text, of course, the LOGMIS User's Manual (Volume I), and something to write with. Once you get all that together, turn to the objectives for this text and read them. Then you will be ready to begin the text itself.

NOTE

Before beginning this programmed text, you should have completed Sections I and II of this series or have successfully taken the test for each of these sections. If you have not done this do not complete this text until Section I and II requirements have been satisfied.

LOGMIS OBJECTIVES

SECTION III: LOGMIS OUTPUT REPORT TEXT

When you finish the LOGMIS Report Text, using the LOGMIS User's Manual, Volume I, you will be able to:

- Identify Periodic and Inquiry Reports
- Understand each report element
- Correct rejected transactions

III-1 In Sections I and II, you discovered that the LOGMIS data base contains your inputs to tell all levels of management in USACC about the assets at your UIC or site. These inputs took the form of narrative messages or input transactions to establish yourself with LOGMIS or to transfer a large amount of equipment ("Mass Transfer"). You submit asset visibility information using L21, L22, L23, and L27 transactions. Your equipment modification information can be submitted using the L29 and L61 transactions. Antenna maintenance information is submitted using L30, L31, L33, and L34 transactions.

As the result of all these inputs, a series of LOGMIS reports are available. Turn to Page 5-1 in your manual and read the first three paragraphs on the page.

LOGMIS reports are designed to aid you, the LOGMIS Coordinator. They help you to monitor and control your assets and also to monitor the condition and modification status of your equipment.

There are two classes of LOGMIS reports, periodic and inquiry. Periodic reports are issued automatically by LOGMIS. If you are currently able to submit to LOGMIS, you will receive periodic reports. Inquiry reports are the answers LOGMIS gives to your inquiries. You must submit an inquiry transaction to get an inquiry report.

True or False:

LOGMIS reports are classed as periodic reports and inquiry reports.

True. Periodic reports are issued to you automatically. Inquiry reports are answers to inquiry transactions and are sent only to the requestor.

////////////////////////////////////

III-2 The first class of reports we will examine is the periodic report. Read Paragraphs 5-1 and Tables 5-1 and 5-2 on Pages 5-1 and 5-2 in your manual.

Periodic reports are of two types, output and TMDE. Output reports give you total asset visibility and your "batting average", or acceptance rate, for LOGMIS transactions. Output reports come to you by AUTODIN. TMDE items are addressed on the TMDE reports. TMDE reports are sent you in hard copy format.

True or False:

LOGMIS periodic reports are distributed monthly. _____

False. The output reports are distributed monthly or quarterly, as their titles indicate. These reports are issued via AUTODIN. TMDE reports are issued quarterly (TMDE Statistical Summary) or semi-annually (all the rest) and are "hard copy" reports.

////////////////////////////////////

III-3 We will first look at the output reports, starting with the Monthly Acceptance and Transaction Analysis Report. Turn to Page 5-2 in your manual and read Paragraph 5-1.1.1 and Figure 5-1.

If you submit a transaction to LOGMIS, you can expect to receive the Unit Monthly Acceptance and Transaction Analysis Report shown in Figure 5-1. The top of the report shows your UIC and unit designation and the month the report covers. Next, you get your "batting average" for the month. The first column (TRANS DIC) shows the type of transaction lists on that line. Next, the total number of that type transaction is given for the month. This number is broken down into the number of rejections for edit errors and update errors and the number of transactions that are accepted. This breakdown is found in the third, fourth, and fifth columns from the left, in order. The last column on the right gives the rate of acceptance. This percentage is found by comparing the number of accepted transactions and the total number of submitted transactions for that line.

The bottom line of the report shows the totals of each column. The one exception to this is the Acceptance Rate, which is the rate, as a percentage, for the bottom line only.

Using Figure 5-1, fill in the answers:

1. How many L22's were submitted? _____
2. How many L22's were rejected for update errors? _____
3. How many L22's were accepted by LOGMIS? _____
4. What is the acceptance rate for L22's? _____

-
1. Looking at the L22 line, we find in the "Number Submitted" column that 19 were submitted.
 2. The "Update Rejects" column shows us that 2 were rejected for update errors.
 3. In the "Number Accepted" column, we find that 15 L22's were accepted. To double-check, subtract the rejects for edit errors (2) and update errors (2) from the number submitted (19).
 4. Moving to the "Accept Rate" column for the L22 line, we find that 79% of the L22's submitted were accepted during the month.

////////////////////////////////////

III-4 The information on the Monthly Acceptance and Transaction Analysis Report is a summary for your UIC of the data shown on the "Daily Runs" that you received for your transactions. The Daily Run will be covered later in this text.

Remember, the Monthly Acceptance report will not break the transactions down by site. It only analyzes transactions at the UIC level. However, by comparing the rejections shown on the Daily Run with those on the Monthly Acceptance Report, the transactions that were rejected can be pin-pointed quickly.

True or False:

The Monthly Acceptance Report shows data for each site that submitted transactions during the month. _____

False. The acceptance and rejection data is shown only for your UIC. You will need the Daily Runs to get data on a site.

////////////////////////////////////

III-5 The next output report we will examine is the Monthly Asset Report. Read Paragraph 5-1.1.2 on Page 5-3 of your manual.

This report is sent to all UICs every month, even if no transactions were submitted. The report is sent automatically by AUTODIN and lists all assets at each site within a UIC, as reported to LOGMIS.

The report should be used to make sure that the LOGMIS data base shows what you actually have. NSN changes and changes to AMDF and SB 700-20 data can also be found by comparing the Monthly Asset Report with the Property Book. Keeping up with these changes can really pay off by lowering your edit and update error rates.

True or False:

The Monthly Asset Report lists assets at a UIC by site. _____

True. This report is sent to each UIC by AUTODIN. It's a good idea to get the results out to the sites quickly, to show any NSN, AMDF, or SB 700-20 changes and to keep the Property Book up-to-date.

//////////

III-6 We will now go into the make-up of the report itself. Look over Figure 5-2 in your manual. We will use this figure as our example.

The first piece of data is the UIC. This is shown right below the "Subject". The VTAADS (Vertical, The Army Authorization Documents System) document number used for the report is also given. This allows you to identify the "reference" for the specific information in the report. Here's where they are:

***** MONTHLY ASSET REPORT FOR WHU4AA *****
PRINTED 21 MAR 78 BASED ON VTAADS DOC NO 11-500HCC01 DATED 771001
NOTE: THE LTN IN THE SUB(FOR)LIN COLUMN IS THE AUTH LIN. IT APPEARS
WHEN THE 7/4 LTN HAS BEEN REPORTED AS A SUB FOR AN AUTH ITEM.

Fill in:

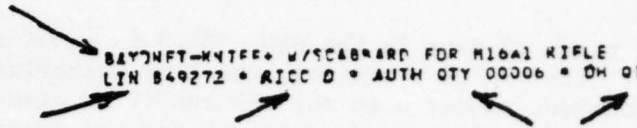
What is the VTAADS document number used in the above Monthly Asset Report? _____

As the report shows, it is based on VTAADS document number 11-500HCC01, dated 771001. Notice that this is NOT a Julian date.

////////////////////////////////////

III-7 As you move down the report, the specific equipment is identified in the next two lines. It looks like this (the arrows show each data element):

BAYONET-KNIFE+ W/SCABARD FOR M16A1 RIFLE
LIN 849272 * RICC D * AUTH QTY 00006 * OH QTY 00007 *



The nomenclature of the item is shown first. On the next line, the LIN and RICC of that item are given.

The quantity that is authorized is shown next along with the OH (on hand) quantity, or the number of bayonet-knives that are actually on hand. Here's where you see whether you are over or under your authorization for that particular LIN.

Fill in:

In our example above, are we over or under authorization?

Over. We are authorized 6 (AUTH) and have 7 (OH). This means we have 1 extra bayonet. If the OH QTY is Ø, or none on hand, this would be the end of the information on this item.

////////////////////////////////////

III-8 In this case, there is more. The next two lines give the data on the assets at each site, as shown:

SITE	NSN/MCN/ACVC	SERIAL-NP	OH-QTY	TPA	TA	OWN-CD	SUB-LIN	ABA	LCC
01	1005000179701	X	00007	A	1	G	.	2	A

↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑

Each site with that asset on hand will be presented in this way. The NSN is given for the asset. The serial number on the item and on-hand (OH) quantity are then given. If a serial number is not assigned, X will appear in this column and the OH-QTY will be one or more. If a serial number is shown, the OH-QTY will be 1.

For that asset, the TPA (Type Property Account), TA (Type Authorization), and OWN-CD (Ownership) Codes are given. Also shown are the ABA (Appropriation Budget Activity) and LCC (Logistics Control Code) for that item or group of items.

Fill in:

In the example above, how many bayonets (NSN 1005000179701) are shown for site 01? _____

Our example shows that there are 7 bayonets at this site. Other information for this item is also given. It should be checked against the Property Book for accuracy.

////////////////////////////////////

III-9 You probably noticed that the SUB-LIN was not pointed out. This will be explained now.

There are four elements you should examine, as indicated by the arrows.

③ PRINTED 21 MAR 78 BASED ON VTAADS DOC NR 11-500HCC01 DATED 771C01
 NOTE: THE LIN IN THE SUB(LIN) COLUMN IS THE AUTH LIN. IT APPEARS
 WHEN THE 2/4 LIN HAS BEEN REPORTED AS A SUB FOR AN AUTH ITEM.
 ④
 ① BAY7HFT-KNIFE+ W/SCABARD FOR M16A1 RIFLE
 LIN 849772 * PTCC 2 * AUTH QTY 00006 * UM QTY 000007 *
 ②
 SITE NSW/MCN/ACVC SERIAL-HP DM-QTY TPA TA DWN-CD SUB-LIN ABA LCC
 01 1005000179701 X 00007 A 1 G 2 A

In every case, the actual LIN of the item being reported is shown as the LIN ①. If it is not a substitute-type item, the SUB-LIN column ② will be blank. Remember, a blank SUB-LIN ② and the authorized LIN in the LIN field ①, means that no substitution has occurred.

If the item is a substitute, the authorized LIN will appear under SUB-LIN ②. The substitute LIN will be found in the LIN field ①. This is what the NOTE ③ says.

If the item is not authorized at the UIC at all, the SUB LIN ② will be blank, the reported LIN will appear in the LIN field ①, and the authorized quantity ④ will be zero.

Fill in:

In our example, is the LIN in ① the authorized LIN or the substitute LIN? _____

In the example, the LIN is the authorized LIN and no substitution was made.

To summarize:

- No substitute: ① = authorized LIN, ② = blank
- Substitute: ① = LIN of substitute, ② = authorized LIN
- No authorized: ① = reported LIN, ④ = 00000

////////////////////////////////////

III-10 The rest of the Monthly Asset Report lists the remainder of the assets for each site under the UIC. Each item at a UIC is listed in alphabetical order, as shown in Figure 5-2.

The distribution of items at each site is shown for each type of item.

The "Pistol, Caliber .45 Automatic" gives a good example of serially-numbered item distribution.

```
PISTOL CALIBER .45 AUTOMATIC*
LIN N9A741 * RICC 1 * AUTH QTY 00001 * DM QTY 000002 *

SITE N9N/MCN/LCVC SERIAL-NR DM-CTY TPA TA OWN-CD SUB-LIN ABA LCC
01 1005007265555 939353 00001 A 1 G J A
01 1005007265555 1571931 00001 A 1 G J A
```

Here, each pistol is listed separately by serial number. Looking closer, you should know that the pistols are NOT substitute items.

Fill in:

How many pistols are on-hand at site 01? _____

Two pistols are at site 01; #939353, and #1571931. This information on the report should be checked with site personnel and the Property Book Officer as it arrives to make sure it is accurate.

////////////////////////////////////

III-11 Another report that you get automatically is the Quarterly Unit Equipment Modification Report. Read Paragraph 5-1.13 on Page 5-4 of your manual.

This report is sent every 3 months by AUTODIN. Each UIC will receive one each quarter. The report lists unapplied modifications in numerical order, beginning with the lowest number. It also gives information about each modification, which should reflect the information found on outstanding L29 cards at each site.

True or False:

The only source of modification information for the UIC is the Quarterly Unit Equipment Modification Report. _____

False. The report reflects information that can be found on L29 cards at the sites. The Quarterly Unit Equipment Modification Report and L29 cards will give you a realistic picture of the modification workload for the next quarter.

////////////////////////////////////

III-12 Let's look at each of the column headings on the report to see what information is contained in the report. You can follow along, using Figure 5-3 in your manual.

The first column gives the number of the first modification. Each outstanding mod number will be listed. They are listed in numerical order, starting with the lowest.

The next column shows the number of each mod that has not yet been reported as applied or not applicable. Remember, reporting is done by L29. If you reported 10 items to LOGMIS and a mod was to be applied to them, you would get 10 L29's. This much you know. If you had not applied any of the mods yet, 10 would show up in the column next to the mod number.

The expiration date of each mod is given in the next column. This is self-explanatory. The position of these columns is shown here.

QUARTERLY UNIT EQUIPMENT MODIFICATION REPORT

<u>MODIFICATION</u> <u>NUMBER</u>	<u>NUMBER</u> <u>OF MODs</u> <u>UNAPPLIED</u>	<u>EXP</u> <u>DATE</u>	<u>PRI</u>	<u>MAINT</u> <u>CAT</u>	<u>EQUIP</u> <u>NSN/MCN</u>	<u>NSN</u> <u>DESCRIPTION</u>
↗	↗	↗				

True or False:

Modifications are listed in numerical order. _____

True. This order contains all unapplied mods for a UIC.

////////////////////////////////////

III-13 The priority code of the modification is found in the next column. These priorities are alphabetical and can be found on Page E-6 in your manual.

The category of maintenance is found in the next column. This will give you the information necessary to set up an equipment modification schedule within your unit's capabilities.

These codes can be found on Page E-3 of your manual.

QUARTERLY UNIT EQUIPMENT MODIFICATION REPORT

<u>MODIFICATION</u> <u>NUMBER</u>	<u>NUMBER</u> <u>OF MODs</u> <u>UNAPPLIED</u>	<u>EXP</u> <u>DATE</u>	<u>PRI</u>	<u>MAINT</u> <u>CAT</u>	<u>EQUIP</u> <u>NSN/MCN</u>	<u>NSN</u> <u>DESCRIPTION</u>
--------------------------------------	---	---------------------------	------------	----------------------------	--------------------------------	----------------------------------

The position of these columns is shown above. The information in them should agree with that found on your L29's.

True or False:

The codes for priority and category of maintenance are not available at the site level. _____

False. These codes are found in the LOGMIS manual, on Pages E-6 and E-3, in order. The actual codes should agree with outstanding L29's.

////////////////////////////////////

III-14 To wrap up this report, we will discuss the information shown by the arrows.

QUARTERLY UNIT EQUIPMENT MODIFICATION REPORT

MODIFICATION NUMBER	NUMBER OF MODS UNAPPLIED	EXP DATE	PRI	MAINT CAT	EQUIP NSN/MCN	NSN DESCRIPTION
------------------------	--------------------------------	-------------	-----	--------------	------------------	--------------------

These columns give the NSN or MCN of the equipment to be modified and a description of the equipment. Again, this information should be checked against the L29's and the Monthly Asset Report.

True or False:

The NSN Description appears on the L29. _____

False. The L29 does contain the NSN/MCN, but the NSN description should appear on the Monthly Asset Report.

III-15 The next category of Periodic Report concerns TMDE. We have seen the important role that your inputs play in the area of asset visibility. One way this data is fed back to you is in the form of hard copy TMDE reports. The first report we will examine is the USACC TMDE Register. Read Paragraph 5-1.2.1 on Page 5-4 of your manual.

This report is a listing of ALL TMDE data in the LOGMIS data base. Its main purpose is asset identification. This report is distributed every six months.

True or False:

The TMDE Register lists all TMDE data contained in the LOGMIS data base. _____

True. The format of this listing is shown in Figure 5-4.

//////////

III-16 Most of the headings are self-explanatory, but the subject of calibration should be clarified. The columns shown with arrows indicate the level of calibration (CAL LEV), how often the equipment must be calibrated (CAL INT), and where calibration procedures are found (CAL PROCEDURES).

USACC TMDE REGISTER

TMDE CODE	NOMENCLATURE	MFR MODEL NR JETD	NSN/MCN	LIN COMP	O/H QYT	CAL LEV	CAL INT	CAL PROCEDURES	LCC ABA	PIL CMC	MFR CODE	REPLACEMENT ITEM LIST
--------------	--------------	----------------------	---------	-------------	------------	------------	------------	-------------------	------------	------------	-------------	--------------------------



This information is of great value to site personnel.

True or False:

Calibration requirements for TMDE are given in the TMDE Register.

True. These requirements are found in the CAL LEV and CAL INT columns.

////////////////////////////////////

III-17 Another type of information found in the register is Preferred Item List (PIL) replacement. The columns that deal with this are indicated with arrows.

USACC TMDE REGISTER

TMDE	MFR MODEL NR		LIN	O/H	CAL	CAL	CAL	LCC	PIL	MFR	REPLACEMENT	
CODE	NOMENCLATURE	JETD	NSN/MCN	COMP	QYT	LEV	INT	PROCEDURES	ABA	CMC	CODE	ITEM LIST
			①	②					③			④

①

②

③

④

The NSN or MCN of each item is given ①, along with the item ②. The PIL-type status of the item is indicated by a PIL CMC ③. If a replacement for the item has been identified, it is given in ④. By using this information, you can be sure that TMDE substitutions are approved equipment.

True or False:

PIL replacement items are identified in the TMDE Register. _____

True. They are identified by NSN in the "Replacement Item List" column.

////////////////////////////////////

III-18 The TMDE Statistical Summary is another periodic report that will be of great value to you and to site personnel. Read Paragraph 5-1.2.2 on Page 5-4 to find out more about this report.

The TMDE Statistical Summary is provided in hard copy each quarter. The summary can be used to determine the amount of work that will be required on a site to keep the TMDE calibrated. This is possible because the TMDE Statistical Summary provides, among other information, calibration intervals for TMDE.

True or False:

The TMDE Statistical Summary provides TMDE calibration intervals each quarter. _____

True. The way that this information is given will be examined next.

//////////

III-19 The format of the TMDE Statistical Summary is given in Figure 5-5 on Page 5-5 of your manual. Pertinent sections will be highlighted here.

5. Calibration Level to Interval by Total and Percentage:

<u>C/I</u>	<u>INT</u>	<u>O/H</u> <u>QTY</u>	<u>PCT</u>	<u>INT</u>	<u>O/H</u> <u>QTY</u>	<u>PCT</u>	<u>INT</u>	<u>O/H</u> <u>QTY</u>	<u>PCT</u>	<u>INT</u>	<u>O/H</u> <u>QTY</u>	<u>PCT</u>
CAL A	90-	92	7.0	180-	58	4.4	270-	0	0.0	360-	1	0.1
CAL C	90-	2	0.2	180-	256	19.4	270-	64	4.9	360-	358	27.2
CAL C-A	90-	90	6.8	180-	59	4.5	270-	13	1.0	360-	15	1.1

6. Total by Each Interval of Calibration:

<u>C/I</u>	<u>O/H</u> <u>QTY</u>	<u>PCT</u>	<u>C/I</u>	<u>O/H</u> <u>QTY</u>	<u>PCT</u>	<u>C/I</u>	<u>O/H</u> <u>QTY</u>	<u>PCT</u>	<u>C/I</u>	<u>O/H</u> <u>QTY</u>	<u>PCT</u>
90	184	14.0	180	373	28.3	270	77	5.8	360	381	28.9
N	96	7.3	U	140	10.6						

As shown above, the calibration interval is provided in on-hand (OH) quantity and percentage in Sections 5 and 6 of the Summary. This is a breakdown of the total TMDE given in Section 1 of the Summary. These sections are self-explanatory.

Fill in:

How many items in Section 6 are programmed for calibration at a 90-day interval? _____

After going to Section 6, and locating 90 in the C/I column, you should have found that 184 items (OH QTY) are included in the 90 day interval. This information, coupled with the calibration level (C/I) in Section 5, will allow more accurate workload prediction.

////////////////////////////////////

III-20

3. Total Dollar Value (Known): \$518,635.00
 Total Number of TMDE (Cost Unknown) 388

7. Non-PIL and PIL TMDE Totals

A. Total Number of Non-PIL TMDE			B. Total Number of PIL TMDE		
	O/H QTY	PCT		O/H QTY	PCT
1. Accessories/ Hardware - AH			1. Preferred Item - PA		
2. Not controlled USACC - NC			2. Preferred Item - PB		
3. Preferred Item Candidate - PX			3. Preferred Item - PC		
4. Non-PIL TMDE Controlled - XX			4. Preferred Item - PD		
5. Past Preferred Item - PP					

Another area of great interest is the breakdown of PIL and non-PIL items. The objective, of course, is to identify PIL candidate items and remove items that are not widely used from the PIL. The identification of PIL and non-PIL items is done in Section 7. Codes for Sections 7A and 7B are included under each section.

The value of TMDE is also shown on the Statistical Summary. This is done in Section 3. The number of TMDE whose cost is unknown is also given here.

Fill in:

In our example, how many items of TMDE do not have a dollar value assigned? _____

Looking at Section 3, the TMDE value section, you should find that 388 items are included as "Cost Unknown". It is easy to realize what a valuable tool the TMDE Statistical Summary is for planning and asset visibility.

////////////////////////////////////

III-21 The next area to be covered is that of the microfiche TMDE reports. These are the PIL and the TCR. Read Paragraphs 5-1.2.3 and 5-1.2.4 on Page 5-6 of your manual.

The PIL, otherwise known as CCP 750-2, is the source that identifies an item as "preferred for use" by USACC. It is issued every six months as hard-copy or microfiche. Section 1 is in JETD/MFR Model Number sequence, Section 2 in TMDE Code sequence, and Section 3 in NSN sequence. Section 4 lists plug-in modules along with the end-item applications for the modules.

The TCR is also designated CCP 750-1 and is issued semiannually as hard copy or microfiche. It gives a cross-reference between ACC-RIC code "T" items and the appropriate TMDE.

Together, the TCR and the PIL can be used to determine USACC-preferred TMDE for TAADS validation and selection of replacements for nonpreferred TMDE.

Fill in:

Which microfiche report identifies USACC-preferred TMDE?

The PIL, or CCP 750-2, identifies the preferred TMDE for USACC by JETD/MFR Model Numbers TMDE Code and NSN.

////////////////////////////////////

III-22 We have now outlined the Periodic Reports you, as a Coordinator, have available from LOGMIS. You have seen the Monthly Acceptance and Transaction Analysis Report, which gives the transaction acceptance and rejection rates for your UIC during the month. The LOGMIS Monthly Asset Report lists the total assets, along with other information, for UIC's and sites. The Monthly Asset Report should be used for Property Book reconciliation and item-accounting. The final output report, the Quarterly Unit Equipment Modification Report, lists the unaccomplished modifications, by number and priority, at a given UIC. All these reports are sent via AUTODIN.

The TMDE reports provide a variety of data about the TMDE in USACC. The TMDE Register, issued semi-annually, supplies all the identification data for individual items and is used for TMDE identification. The TMDE Statistical Summary, a quarterly report, provides calibration requirements, PIL status, and cost data for TMDE. The information on the Statistical Summary is a great aid in calibration workload forecasting. The PIL, or CCP 750-2, is issued semiannually, as either hard-copy or microfiche. The PIL lists the TMDE preferred for use within USACC. The TCR, or CCP 750-1, is also issued semiannually as hard-copy or microfiche. The TCT gives a cross-reference between ACC-RIC "T" coded TMDE and the appropriate TMDE items. This information is a great time saver for TMDE replacement identification.

No response required.

////////////////////////////////////

III-23 The second general type of report you can expect from LOGMIS is the Inquiry Report. These reports are the response to inquiry transactions submitted to LOGMIS. Read Paragraph 5-2 in your manual. Also, look over Table 5-3 on Page 5-7.

The Inquiry Reports give specific answers to inquiries submitted by UIC/sites. They are addressed to a specific UIC or site.

The L91 Inquiry, depending on the inquiry code you use, can get you any of these reports:

- Inventory Status Inquiry Report
- NSN Inquiry Report
- LIN Inquiry Report
- RIC Report
- User Field 1 Report
- User Field 2 Report

The Inventory Status Inquiry Report and the RIC Report are hard-copy. The rest are sent via AUTODIN.

True or False:

The element on the L91 which indicates the kind of Inquiry Report you want is the inquiry code.

True. Remember, these reports are designed to make your job easier. When requesting Inquiry Reports, you call the shots.

//////////

III-24 The L92 is used to obtain the Modification Completion Status Inquiry Report. This report is sent via AUTODIN. The submission of an L93, coded "S", results in the Antenna Structure Inventory Report, or " 'S' Report". The L93, coded "A", results in the generation of the Antenna Inventory Report, or " 'A' Report". Once again, these reports are sent, via AUTODIN, only to the UIC or site that requested them.

True or False:

Submitting an L92 causes LOGMIS to send a Modification Completion Status Inquiry Report as a reply.

True. Remember, you can receive an Inquiry Report only by submitting an L91, L92, or L93 Inquiry Transaction to LOGMIS. The Inquiry Report will be sent only to the UIC or site that requests the report.

////////////////////////////////////

III-25 The first report to be considered is the Inventory Status Inquiry Report. Read Paragraph 5-2.1 on Pages 5-6 and 5-7 in your manual to find out more about this report.

When you submit an L91 with Inquiry Code 01 or 02, your reply will be the Inventory Status Inquiry Report. This hard copy can be used as an aid during inspections, for reconciliation of the Property Book or Stock Record Account with the LOGMIS data base, or as a source you can use to complete other reports.

Remember, if you are at a site you must contact your UIC to get this report, because it will not be sent directly to you unless you make special arrangements.

True or False:

The Inventory Status Inquiry Report is automatically sent to the UIC that submits the L91.

True. There is no way that a site can get this report unless special arrangements are made ahead of time.

////////////////////////////////////

III-26 The sequence code used on the L91 will determine how the data on the Inventory Status Inquiry Report will be arranged. All equipment at a UIC or site will be identified by NSN/MCN/ACVC, serial number, LIN and SUB LIN, NSN description, and COMSEC account number for COMSEC items. These columns are indicated below by the arrows.

ACC LOGMIS INVENTORY STATUS INQUIRY REPORT AS OF YY/MM/DD

REQUESTING UIC _____ INQUIRY CODE _____

Page _____

SEQ CD _____

MSC	UIC	SITE	NSN/MCN/ACVC	SERIAL NR	TPA	TYPE AUTH	OWN CD	ON-HAND LIN	SUB LIN	NSN DESCRIPTION	COMSEC ACCT	ACC RIC	O/H QTY	USER FLD 1	USER FLD 2
			↑	↑				↑	↑	↑	↑				

The LIN and SUB LIN were discussed in the text dealing with the Monthly Asset Report.

True or False:

The sequence of information provided in the Inventory Status Inquiry Report cannot be changed.

False. The sequence code that you specify on the L91 will select the sequence of information in the report. That sequence code is included below the page number on the first page of the report. Information in this report is a great aid in asset identification.

////////////////////////////////////

III-27 The data on this report is also useful for Property Book and Stock Record Account reconciliation. It supplies TPA, TA, ACC-RIC, on-hand quantity, and ownership for each item at a UIC or site. The arrows below indicate the position of this information.

ACC LOGMIS INVENTORY STATUS INQUIRY REPORT AS OF YY/MM/DD

REQUESTING UIC _____ INQUIRY CODE _____ Page _____
 SEQ CP _____

SUBJECT			SERIAL	TYPE	OWN	ON-HAND	SUB	NSN	COMSEC	ACC	O/H	USER	USER	
MSC	UIC	SITE	NR	TPA	AUTH	CD	LIN	LIN	DESCRIPTION	ACCT	RIC	QTY	FLD 1	FLD 2
				↑	↑	↑					↑	↑		

True or False:

The TPA of an item is given for each item located at a UIC or site.

True. Information of this type, presented in the format selected by the Coordinator, makes the Inventory Status Inquiry Report especially valuable for item-accounting and asset-levelling.

////////////////////////////////////

III-28 The L91 that you submit also can call up specific information about equipment at a UIC or site. Read Paragraph 5-2.2 and Figure 5-7 on Page 5-8 in your manual.

The NSN Inquiry Report is generated by an L91 with an inquiry code of 06 or 07. As a help to you, the NSN, MCN, or ACVC that was requested is given, along with the sequence code and inquiry code that you specified in your L91. The arrows show the position of these elements.

ACC LOGMIS NSN INQUIRY REPORT AS OF YY/MM/DD

REQUESTING UIC _____ INQUIRY CODE _____ SEQ CD _____

REQUESTED NSN/MCN/ACVC _____

MSC	SUBJECT		SERIAL		TYPE	OWN	ON-HAND	SUB	ACC	O/H
	UIC	SITE	NR	TPA	AUTH.	CD	LIN	LIN	RIC	QTY

True or False:

An inquiry code of 06 on an L91 will cause an NSN Inquiry Report to be generated.

True. 06 will yield UIC-level information, 07 will generate a site-level report.

[illegible]

ACC LOGMIS LIN INQUIRY REPORT AS OF YY/MM/DD

REQUESTING UIC _____ INQUIRY CODE _____ SEQ CD _____

REQUESTED ON-HAND LIN _____

SUBJECT				SERIAL	TYPE	OWN	SUB	ACC.	O/H	
MSC	UIC	SITE	NSN/MCN/ACVC	NR	TPA	AUTH.	CD	LIN	RIC	QTY

Which inquiry codes can be used on an L91 to obtain a LIN Inquiry Report?

_____ or _____

[illegible]

III-30 What was done for a LIN can also be requested for a given "Reportable Item Code". Read Paragraph 5-2.4 in your manual to see the result.

Inquiry Codes 16 or 17, when combined with a desired ACC-RIC code on an L91, will cause LOGMIS to generate a Reportable Item Code Report. This report will follow the format shown below.

ACC LOGMIS REPORTABLE ITEM CODE REPORT AS OF YY/MM/DD

PAGE _____

REQUESTING UIC _____ INQUIRY CODE _____ REPORTABLE ITEM CODE _____

SEQ CP _____

SUBJECT		SERIAL		TYPE		OWN	ON-HAND	SUB	NSN	COMSEC	O/H	USER	USER	
MSC	UIC	SITE	NSN/MCN/ACVC	NR	TPA	AUTH	CD	LIN	LIN	DESCRIPTION	ACCT	QTY	FIELD 1	FIELD 2

As was the case in all other L91-generated reports, the specific inquiry and ACC-RIC codes submitted on the L91 are given on the report. The positions of these codes are shown by the arrows.

True or False:

The ACC-RIC desired must be given on an L91 to obtain a Reportable Item Code Report.

True. If you are not sure of the ACC-RIC for an item, you may request any of the other Inquiry Reports generated in response to an L91.

//////////

III-31 The final reports the L91 can request are the User Field 1 or User Field 2 Inquiry Reports. Read Paragraphs 5-2.5 and 5-2.6 on Page 5-9 of your manual for information on these.

These reports are essentially the same in format, so the User Field 1 Inquiry Report will be used to illustrate the information presented. The arrows show the location of the Inquiry Code (21 and 22 for User Field 1, 26 or 27 for User Field 2) and User Field 1 or 2 values specified on the L91.

ACC LOGMIS USER FIELD 1 INQUIRY REPORT

REQUESTING UIC _____ INQUIRY CODE _____ SEQ CD _____

REQUESTED USER FIELD 1 DATA _____

SUBJECT		NSN/MCN/ACVC	SERIAL NR	TPA	TYPE AUTH	OWN CD	ON-HAND LIN	SUB LIN	ACC RIC
MSC	UIC SITE								

True or False:

Inquiry Code 26 or 27, along with a User Field 1 value, when submitted on an L91, will cause LOGMIS to generate the report shown above.

True. Remember, if you are at the site-level, you will need to make special arrangements to get the L91-generated reports.

////////////////////////////////////

III-32 LOGMIS is also capable of telling you the status of modifications for any UIC. Read Paragraph 5-2.7 on Page 5-9 of your manual to see how this is done.

When you submit an L92 (Modification Completion Inquiry), you specify an MWO number and percent factor for a particular UIC. The result of this request is shown below.

ACC LOGMIS MODIFICATION COMPLETION STATUS INQUIRY
REPORT AS OF YY/MM/DD

REQUESTING UIC _____ SUBJECT UIC _____

THE FOLLOWING UICs HAVE NOT COMPLETED _____ PERCENT OF:

MWO _____ PRIORITY IS _____

<u>UIC</u>	<u>PCT</u>	<u>UIC</u>	<u>PCT</u>	<u>UIC</u>	<u>PCT</u>	<u>UIC</u>	<u>PCT</u>	<u>UIC</u>	<u>PCT</u>

Arrows indicate the UIC, MWO number, and percentage level that were submitted on the L92. The priority of the mod and percentage at each UIC requested is given, as shown by the arrows. This report is sent via AUTODIN and can be used to get equipment modification status.

True or False:

The Modification Completion Status Inquiry Report will list sites below a specified level of completion.

False. The report will show only completion to the UIC level. The source of all this data is the L29's that were submitted for completed mods.

III-33 You have now seen how the L91 can extract asset information from LOGMIS in the form of the Inventory Status Inquiry Report, NSN Inquiry Report, LIN Inquiry Report, Reportable Item Code Report, User Field 1 Inquiry Report, and User Field 2 Inquiry Report. The data for these reports was submitted by you on the L21, L22, L23, and L27 transactions.

You have also discovered that the L92 was used to have LOGMIS generate the Modification Completion Status Inquiry Report. Data for this report was entered in the LOGMIS data base as the L29's for your completed mods were submitted. You also saw that this report will not show site-level breakouts by percentage.

We will now examine the antenna and antenna structure data you can get from LOGMIS. The sources for these reports are your L21, L30, L31, L33, and L34 transactions. The L93 (Antenna Inquiry) is used to obtain the data in the reports we will cover next.

True or False:

Antenna data can be obtained from LOGMIS using an L93. _____

True. The results of this request will be covered next.

////////////////////////////////////

III-34 The first report you can get is the "S" Report. Read Paragraph 5-2.8 on Page 5-10 of your manual to find out about this report.

The "S" Report is obtained by submitting an L93 with an "S" code. The L93 can be coded to structure data at a UIC, a site, or all sites. The specific methods for submitting the L93 were covered in Section II (LOGMIS User Inputs).

The information in the "S" Report can be used to help program structures for repair if required and to determine the due-date for painting. Each structure is identified separately, as shown by the arrow. Data associated with the structure is then presented.

ACC LOGMIS ANTENNA STRUCTURE INVENTORY REPORT AS OF YY/MM/DD

REQUESTING UIC/SITE _____		SUBJECT UIC/SITE _____							
SUBJECT SITE _____		STRUCTURE NR _____		NSN/MCN _____					
STRUCTURE JETDS/MODEL NR	STR RTH	STR CD	DETERIORATION STR GUY BASE	INSP INTV	MISSION CODE	DATE INSP	PAINT DUE	SPTY DEV	
OBSTN LITE	TYPE BASE	QTY GUY	STRUCTURE DATA FREE TEXT						

True or False:

Structure data free text will always appear on the "S" Report.

False. If no optional data was submitted (L34, remember?) there will be no entry in the column. Remember, the "S" Report gives back to you whatever you put into the data base. If the information on the "S" Report is incomplete or wrong, it's up to you to correct it.

////////////////////////////////////

III-35 The "A" Report is the other L93-requested report. Read Paragraph 5-2.9 to find out about this report.

The reporting level for the "A" Report is specified in the same way as for the "S" Report, and the data presented is listed in the same sequence -- that is, by UIC or site, and by structure number. The data groups that are repeated for each fixed-station antenna are shown below by the arrows.

ACC LOGMIS ANTENNA INVENTORY REPORT AS OF YY/MM/DD

REQUESTING UIC/SITE _____ SUBJECT UIC/SITE _____

SUBJECT SITE _____ STRUCTURE NR _____ NSN/MCN _____

↓ ↓ ↓ ↓ ↓ ↓ ↓

ANT ANTENNA ANT TYPE REC-TRN XMIT LINE DESC LINE

SERIAL NR. JETDS/MODEL NR SIZE ANT CODE LNTH

True or False:

The "A" Report is generated in response to an L93 coded "A".

True. Remember that you must submit a separate L93 for this report. You cannot get both the "S" Report and "A" Report using one L93.

////////////////////////////////////

- Which transactions were rejected
- Which transactions were accepted and processed by LOGMIS

FM COMUSMACV FT HUACHUCA A7/CC-LDG-S-SD//
TO COMUSMACV FT HUACHUCA AZ //LEGPIS//
SUBJ: THIS IS A LOGPIS MESSAGE.

1 2 3 4 5 6
1234567890123456789012345678901234567890123456789012345678901234567890

7 8
01234567890

L21WCFX99 014240035424451 - - - - - X 17C1G - - - - - X
- - - - - 7829713

L72WCFX99 C200000JG03543 11986 1 7820713

L22WCFX99 105815005775970 564 1 7820713

L22WCFX99 136625001350407 9472139250001 --- 7820713

123WCFX99 - 144425032282201 - 12110001 7820713

122VCFX99 021005000739421 49620200001 7620713
122VCFX99 021005000739421 49620200001 - - - - - 7620713

37

III-36 (continued)

True. The reason for rejection is also given, as shown in the Daily Run above. If a transaction of yours is not included, check to see if it was sent to LOGMIS.

////////////////////////////////////

III-37 The method that is used for rejections is simple. You should recall that rejections can be caused by edit (format) errors and update errors. Each type of error is listed separately, followed by the transactions containing the error.

The reason for the error is also shown. Edit errors will be shown by a circumflex (^) under the incorrect character. The update errors are listed by incorrect conditions. The arrows show the headings and typical update error conditions. The edit error circumflex is circled.

THE FOLLOWING TRANSACTIONS WERE REJECTED FOR EDIT ERRORS.			
L21WCFX99	014240035424451	X 17016	X
7820713			
THE FOLLOWING TRANSACTIONS WERE REJECTED FOR UPDATE ERRORS.			
OBSOLETE MSN, MSN HAS BEEN CHANGED TO 4935004911142.			
L22WCFX99	02000003J003543	11986 1	7820713
MSN/MCN/ACVC IS NOT CONTAINED IN THE EQUIPMENT MASTER FILE.			
L22WCFX99	105815005775970	564 1	7820713

True or False:

The condition that causes an edit or update error rejection is shown on the Daily Run.

True. If you are just getting into LOGMIS as a coordinator at a UIC or site, it's a good idea to submit only a few transactions at a time. This keeps the error rate low until you get the feel of the system. Remember, these errors are what feeds the Monthly Acceptance and Transaction Analysis Report.

III-38 There are two other aids on the Daily Run. Each Daily Run will be identified by a "Run Identification Number". This is shown by an arrow. If you have a question about a Daily Run, use this number as a reference.

The second aid is the numbers below the run identification number, shown by the other arrows. Each of these numbers is a column number. They are read from left to right. The top two lines show the position of columns 01 through 69. The second two lines show the position of columns 70 through 80. Information printed below will be printed in this format of these column numbers.

WHEN REQUESTING INFORMATION ABOUT THESE TRANSACTIONS REFERENCE
THIS RUN IDENTIFICATION NO: 7807291924
1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
0 1 2 3 4 5 6 7 8 9 0

Fill in:

What is the run identification number in the example shown above?

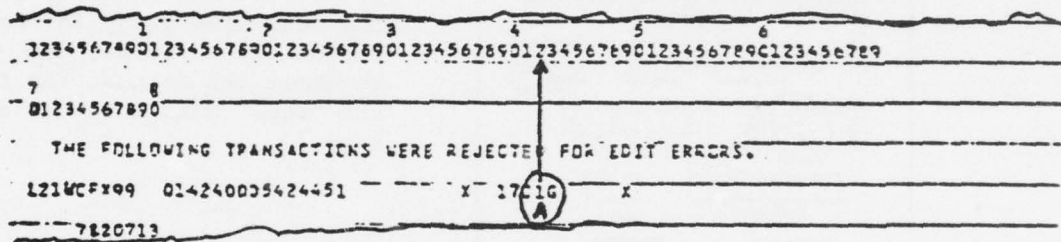
As shown by the top arrow, the run identification number for this message is 7807291924. The run identification number will appear on each Daily Run.

////////////////////////////////////

III-39 How can we use what we just learned to correct errors in our transactions? Let's correct one to find out.

Edit errors are easy to spot. Just look for the circumflex under the incorrect character. Below, it's under the "1". But where is the 1 on your card?

By tracing a line up the page, we come to 42 (the 2 is below and to the right of the 4). This means the 1 is in card column 42 on



your card. Step 1 of the correction has been done, because we know exactly where the problem is.

True or False:

It is impossible to find out where edit errors are located on a punched card.

Blatantly false! You just did it! First, find the circumflex. Then go straight up the run page (use a ruler or other straight edge). The first number set that you hit (42 in our example) is the card column.

III-40 Step 2 of the process is even easier. Dig out the transaction worksheet for that transaction. (Bet you're glad you didn't throw it away!) Next, locate the proper block on it. (Each number below a block represents a card column, remember?)

In the example here, we located the L21 worksheet for our edit error. Block (card column) 42 was located and circled. There's our 1! Now, all that's left is to correct the TA code, change the date-time group in the bottom three fields, and resubmit the transaction to get the "real" data into the data base.

True or False:

A transaction with an edit error loads incorrect information into LOGMIS.

False. Because the data was not in the right format, it is not loaded into the data base. This means that you should correct errors promptly, so that the LOGMIS data base accurately shows your situation. In the case of transactions like the L21, this is critical because LOGMIS should agree with your records in order to be effective.

III-41 Update errors are also easy to correct. The reason for the error is always given in the Daily Run, as shown below.

THE FOLLOWING TRANSACTIONS WERE REJECTED FOR UPDATE ERRORS.

OBsolete NSN, NSN HAS BEEN CHANGED TO 4935004911142

L22WCFX99 C2000000J003543 11986 1 7820713

NSN/MCN/ACVC IS NOT CONTAINED IN THE EQUIPMENT PASTER FILE.

L22WCFX99 105815005775970 564 1 7820713

In these cases, the NSN was incorrect as submitted. A check of the Current Monthly Asset Report would have prevented these errors. Now, that L22 has to be re-submitted with the NSN given by the most current Monthly Asset Report, if the L22 actions are still applicable.

True or False:

NSN, MCN, and ACVC changes cannot be easily found. _____

False. Before you submit, check the current Monthly Asset Report. If you can't locate what you need, submit an L99 to get the information from HQ USACC. It's easy and fast this way!

////////////////////////////////////

III-42 Another update error shown is the result of an incorrect site.

TRANSACTION UIC HAS INVENTORY WITH THIS NSN/MCN/ACVC,
HOWEVER, NONE EXISTS FOR TRANSACTION SITE.
L22VCFX99 136425001350407 9474139250001 7820713

In this case, see if there was a problem with your end by checking your records (including your worksheet and card) and the latest Monthly Asset Report. Also, check to see if an L23 (Report of Equipment Transfer) was submitted for the equipment in question. You should be able to pick up the correct site by doing these things. If not, check what's in the LOGMIS data base by submitting an L91 for that NSN and re-submit your L22 with the information you get back.

True or False:

To get the correct location of an item, you should check the latest Monthly Asset Report.

True. Don't forget to check for L23's, which will change the location of the item in the data base.

III-43 The update error shown here follows the same logic as the one we just described.

SITE HAS INVENTORY FOR THIS NSN/MCN/ACVC, HOWEVER, NOT WITH TRANSACTION SERIAL NUMBER.		
L22VCFX99	14462502228201	12110001
		7620713

In this case, it resulted from an incorrect serial number. First, check to see if the serial number was correct on the item, the worksheet, and the card. If everything checks out so far, check the latest Monthly Asset Report. If that checks out, look for an L23 on the item. In any event, you'll have to re-submit the L22 with the correct information to get the records straight.

True or False:

In our example above, you don't need to submit anything, because the data base shows the item isn't at the site anyway.

False. That serial number is listed as an asset somewhere, and it's up to you to get the data straightened out. This means some detective work, and whoever has accountability for the item has to submit an L22 for it.

////////////////////////////////////

III-44 The final section of the Daily Run, as shown here, is the one that we all like to see. It's the listing of transactions that

THE FOLLOWING TRANSACTIONS WERE PROCESSED BY THE LOGMIS UPDATE.			
L22WCFX99	G21005000739421	49682080001	7620713
L22WCFX99	G21005000739421	49682020001	7620713

were accepted by LOGMIS. These transactions were processed into the data base and are what keeps it current and accurate. If you follow the procedures in your manual and the programmed texts, your transactions will all appear in this section of the Daily Run, and your duties as Coordinator will take less of your time.

True or False:

Accepted transactions are listed in the Daily Run. _____

True. Remember, if a transaction you submitted is over ten days old and has not yet appeared in the Daily Run, it's time to do some checking. Procedures are found in your manual (of course) and in Section I of this text.

////////////////////////////////////

III-45 You have now completed the final text in this series. You have seen the variety of Output Reports you can get from LOGMIS and the information contained in them. You have also examined the Daily Run, which lists rejected and accepted transactions. And, finally, you have seen some common transaction errors and ways to prevent them before they happen and correct them after they happen.

LOGMIS was designed with you in mind. The success of LOGMIS and the amount of time you spend working with it depend on your actions. Any suggestions you may have to improve LOGMIS can be directed, on DA Form 2028, to:

Commander, U.S. Army Communications Command
Attention: CC-LOG
Fort Huachuca, Arizona 85613

////////////////////////////////////

TEST BOOKLET
FOR
LOGMIS OUTPUT REPORT
PROGRAMMED TEXT
(SECTION III)

Prepared for
USACC
under Contract DAEA18-77-C-0184

ARINC Research Corporation
a Subsidiary of Aeronautical Radio, Inc.
2551 Riva Road
Annapolis, Maryland 21401

LOGMIS OUTPUT REPORT TEXT
REVIEW QUESTIONS

INSTRUCTIONS

This set of review questions is designed to test how much you remember about the LOGMIS Output Report Programmed Text. It is made up of three parts:

- Part 1 measures how well you know the source of Output Reports.
- Part 2 measures how well you can find information in a sample report.
- Part 3 measures how well you can correct a rejected Input Transaction.

You may use your LOGMIS User's Manual (Vol. 1) to help you answer the questions. When you have finished answering all three parts, have your answers checked. Then, re-read the appropriate reference for any question you answered incorrectly.

You can begin now. Good luck!

PART 1: LOGMIS Reports

For each of the following reports, indicate whether it is:

- a. Automatic to UIC
- b. The result of a UIC inquiry
- c. Not sent to UIC's

Write the letter (a, b, or c) that best describes the report in the space provided.

- _____ 1. USACC LOGMIS Quarterly Asset Report
- _____ 2. USACC Preferred Items List (PIL)
- _____ 3. Monthly Asset Report
- _____ 4. Equipment Modification Status Report
- _____ 5. ACC LOGMIS NSN Inquiry Report
- _____ 6. ACC LOGMIS Antenna Inventory Report ("A" Report)
- _____ 7. USACC TMDE Register
- _____ 8. Low Density TMDE Listing
- _____ 9. Antenna Report
- _____ 10. ACC LOGMIS LIN Inquiry Report
- _____ 11. ACC LOGMIS User Field 2 Inquiry Report
- _____ 12. USACC TMDE Cross-Reference (TCR) List
- _____ 13. TMDE Statistical Summary
- _____ 14. TMDE Calibration Index

PART 1 (continued)

- a. Automatic to UIC
- b. The result of a UIC inquiry
- c. Not sent to UIC's

- _____ 15. Antenna Structure Asset Report
- _____ 16. Antenna Structure Date Last Technical Inspection (TI) Report
- _____ 17. ACC LOGMIS Structure Inventory Report ("S" Report)
- _____ 18. ACC LOGMIS Reportable Item Code Report
- _____ 19. TMDE Command Density
- _____ 20. Unit Equipment Modification Report
- _____ 21. ACC LOGMIS Modification Completion Status Inquiry Report
- _____ 22. TMDE NSN Sequential Listing
- _____ 23. Antenna Structure Paint Due Date Report
- _____ 24. ACC LOGMIS Inventory Status Inquiry Report
- _____ 25. ACC LOGMIS User Field 1 Inquiry Report

PART 2: Inventory Status Inquiry Report

ACC LOGS INVENTORY STATUS INQUIRY REPORT AS OF

PAGE 1112

REQUESTING UIC W21AAA INQUIRY CODE 01

SEQ CD 02

NOTE: THE LIN IN THE SUB(FOR) LIN COLUMN IS THE AUTH LIN. IT APPEARS
VIEW THE O/H LIN HAS BEEN REPORTED AS A SUB FOR AN AUTH ITEM.

SUBJECT		TYPE OWN ON-HAND		SUB		COMSEC ACC		O/H USER USER				
MSC UIC	SITE NSN/MCN/ACVC	SERIAL NR	TPA	AUTH CD	LIN	NSN	DESCRIPTION	ACCT	FIC	QTY	FLD1	FLD2
T W15EAA	03 6625609734837	980A21598	C	2	G	F18614	00372A	COUNTER ELE	CP-772A/U	0001		
UNITS WITH INQUIRY DATA 001 UNITS WITHOUT INQUIRY DATA 000												

Use the report provided above to answer the following questions:

1. What is the authorized LIN? _____
2. How many of this item does Site 03 have? _____
3. What is the LIN of the item which is actually on hand? _____

PART 3: Input Transaction Correction

You have just received the Daily Run shown below:

****LOGMSG WAYEAA 02
WHEN REQUESTING INFORMATION ABOUT THESE TRANSACTIONS REFERENCE
THIS RUN IDENTIFICATION NO: 7712061921

	1		2		3		4		5		6	
1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
7		8										
01234567890												

THE FOLLOWING TRANSACTIONS WERE REJECTED FOR EDIT ERRORS.

L21WAYEAA 025805009108244 5 1A1G XY9999970WAYEAA80058
1426378
AAAAAAAA

After going through your records, you find the L21 Worksheet which is shown on the next page. The data on the card agrees with the worksheet. Fill out a new worksheet to correct the rejected data.

This data will be submitted on 22 September 1978 at 0800.

LOGMIS WORKSHEET L21
REPORT OF ON-HAND EQUIPMENT ASSETS

Prepared by:

Date:

L	2	1
1	2	3

(DIC)

W	A	Y	E	A	A
4	5	6	7	8	9

(UIC)

X	X	X	0	2
10	11	12	13	

(Site)

5	8	0	5	0	0	9	1	0	8	8	4	4
14	15	16	17	18	19	20	21	22	23	24	25	26

Start here (NSN/MCN/ACVC)

										5
27	28	29	30	31	32	33	34	35	36	

(Serial Number) Start here

			1
37	38	39	40

(Quantity) Start here

A
41

(TPA)

1
42

(TA)

G
43

Ownership

					X
44	45	46	47	48	49

(COMSEC Account Number)

X	9	9	9	9	9
50	51	52	53	54	55

(Authorized LIN)

7	0
56	57

(Year of Manufacture)

W	A	Y
58	59	60

Start here (User Field 1)

E	A	A
61	62	63

Start here (User Field 2)

8	0	0	5	8
64	65	66	67	68

(FSCN)

X	X	X	X	X	X
69	70	71	72	73	

(Leave blank)

1	4
74	75

(Year)

2	6	3
76	77	78

(Day)

7	8
79	80

(Hour)

LOGMIS WORKSHEET L21
REPORT OF ON-HAND EQUIPMENT ASSETS

Prepared by:

Date:

L	2	1	W							X	X		
1	2	3	4	5	6	7	8	9		10	11	12	13
(DIC)			(UIC)						(Site)				

14	15	16	17	18	19	20	21	22	23	24	25	26	
Start here				(NSN/MCN/ACVC)									

27	28	29	30	31	32	33	34	35	36	37	38	39	40		
(Serial Number)										Start here				(Quantity)	
														Start here	

41	42	43	44	45	46	47	48	49	
(TPA)	(TA)	Ownership	(COMSEC Account Number)						

50	51	52	53	54	55	56	57		
(Authorized LIN)						(Year of Manufacture)			

58	59	60	61	62	63				
Start here (User Field 1)			Start here (User Field 2)						

64	65	66	67	68	69	70	71	72	73
(FSCM)					(Leave blank)				

74	75	76	77	78	79	80			
(Year)		(Day)			(Hour)				

NOTE

You have now finished the test for Section III of the programmed text.

If you are sure of your work, have your answers checked.

ANSWER BOOKLET
FOR
LOGMIS OUTPUT REPORT
PROGRAMMED TEXT
(SECTION III)

Prepared for
USACC
under Contract DAEA18-77-C-0184

ARINC Research Corporation
a Subsidiary of Aeronautical Radio, Inc.
2551 Riva Road
Annapolis, Maryland 21401

NOTE

This booklet contains the answers to the Section III test booklet. Multiple choice and fill-in answers for Parts 1 and 2 appear with paragraph references from the LOGMIS User's Manual. These answers are suitable for use with a standard punched key, if desired. The answer to Part 3 is a properly completed worksheet.

Students who complete any part of the test incorrectly should re-read the applicable part of the manual and programmed text.

The requirements for Section III of the programmed text will not be met until the student satisfactorily completes the test.

ANSWERS AND REFERENCES FOR SECTION III TEST

Part 1: Reports

<u>Answer</u>	<u>Volume 1 Reference</u>
1. c	Para. 5-1
2. a	Table 5-2
3. a	Table 5-1
4. c	Para. 5-1
5. b	Table 5-3
6. b	Table 5-3
7. a	Table 5-2
8. c	Para. 5-1
9. c	Para. 5-1
10. b	Table 5-2
11. b	Table 5-3
12. a	Table 5-2
13. a	Table 5-2
14. c	Para. 5-1
15. c	Para. 5-1
16. c	Para. 5-1
17. b	Table 5-3
18. b	Table 5-3
19. c	Para. 5-1
20. b	Table 5-3
21. b	Table 5-3
22. c	Para. 5-1
23. c	Para. 5-1
24. b	Table 5-3
25. b	Table 5-3

Part 2: Inventory Status Inquiry Report

<u>Answer</u>	<u>Volume 1 Reference</u>
1. 00372A	Para. 5-2
2. 1	Figure 5-6
3. F18614	Para. 5-2

Part 3: Input Transaction Correction

LOGMIS WORKSHEET L21 REPORT OF ON-HAND EQUIPMENT ASSETS

Prepared by:

Date:

L	2	1	W	A	Y	E	A	A	X	X	Ø	2
1	2	3	4	5	6	7	8	9	10	11	12	13
(DIC)			(UIC)						(Site)			

5	8	Ø	5	Ø	Ø	9	1	Ø	8	8	4	4
14	15	16	17	18	19	20	21	22	23	24	25	26
Start here				(NSN/MCN/ACVC)								

									5				1
27	28	29	30	31	32	33	34	35	36	37	38	39	40
(Serial Number)										Start here (Quantity)			

A	I	G						X
41	42	43	44	45	46	47	48	49
(TPA)	(TA)	Ownership	(COMSEC Account Number)					

X	9	9	9	9	9	7	Ø
50	51	52	53	54	55	56	57
(Authorized LIN)						(Year of Manufacture)	

W	A	Y	E	A	A
58	59	60	61	62	63
Start here (User Field 1)			Start here (User Field 2)		

8	Ø	Ø	5	8	X	X	X	X	X
64	65	66	67	68	69	70	71	72	73
(FSCM)					(Leave blank)				

7	8	2	6	5	Ø	8
74	75	76	77	78	79	80
(Year)		(Day)			(Hour)	